

TAKS
2009 Mean P-Values and
Internal Consistency Values
By Objective and Subject Area

Grade 03 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	316319	30.249	5.713	0.882	1.962	84.025
	Basic Understanding	15	316319	12.299	2.542	0.728	1.326	81.993
	Applying Knowledge of Literary Elements	07	316319	5.732	1.472	0.611	0.918	81.885
	Using Strategies to Analyze	06	316319	5.229	1.130	0.575	0.737	87.150
	Applying Critical-Thinking Skills	08	316319	6.988	1.426	0.654	0.839	87.350
Mathematics	COMPLETE SUBTEST	40	326160	32.843	6.549	0.890	2.172	82.107
	Numbers, Operations, and Quantitative Reasoning	10	326160	8.225	1.929	0.688	1.077	82.250
	Patterns, Relationships, and Algebraic Reasoning	06	326160	5.012	1.176	0.510	0.823	83.533
	Geometry and Spatial Reasoning	06	326160	5.309	1.022	0.495	0.726	88.483
	Concepts and Uses of Measurement	06	326160	4.992	1.263	0.574	0.824	83.200
	Probability and Statistics	04	326160	3.518	0.828	0.457	0.610	87.950
	Mathematical Processes and Tools	08	326160	5.787	1.915	0.659	1.118	72.337

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	316319	30.249	5.713	0.882	1.962	84.025
	Basic Understanding	15	316319	12.299	2.542	0.728	1.326	81.993
	Applying Knowledge of Literary Elements	07	316319	5.732	1.472	0.611	0.918	81.885
	Using Strategies to Analyze	06	316319	5.229	1.130	0.575	0.737	87.150
	Applying Critical-Thinking Skills	08	316319	6.988	1.426	0.654	0.839	87.350
Mathematics	COMPLETE SUBTEST	40	326160	32.843	6.549	0.890	2.172	82.107
	Numbers, Operations, and Quantitative Reasoning	10	326160	8.225	1.929	0.688	1.077	82.250
	Patterns, Relationships, and Algebraic Reasoning	06	326160	5.012	1.176	0.510	0.823	83.533
	Geometry and Spatial Reasoning	06	326160	5.309	1.022	0.495	0.726	88.483
	Concepts and Uses of Measurement	06	326160	4.992	1.263	0.574	0.824	83.200
	Probability and Statistics	04	326160	3.518	0.828	0.457	0.610	87.950
	Mathematical Processes and Tools	08	326160	5.787	1.915	0.659	1.118	72.337

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3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	156601	30.531	5.521	0.879	1.920	84.808
	Basic Understanding	15	156601	12.397	2.484	0.722	1.310	82.646
	Applying Knowledge of Literary Elements	07	156601	5.825	1.422	0.609	0.889	83.214
	Using Strategies to Analyze	06	156601	5.264	1.096	0.564	0.724	87.733
	Applying Critical-Thinking Skills	08	156601	7.045	1.375	0.646	0.818	88.062
Mathematics	COMPLETE SUBTEST	40	161053	32.764	6.504	0.889	2.167	81.910
	Numbers, Operations, and Quantitative Reasoning	10	161053	8.154	1.915	0.681	1.082	81.540
	Patterns, Relationships, and Algebraic Reasoning	06	161053	5.010	1.167	0.507	0.819	83.500
	Geometry and Spatial Reasoning	06	161053	5.300	1.024	0.497	0.726	88.333
	Concepts and Uses of Measurement	06	161053	4.962	1.280	0.578	0.832	82.700
	Probability and Statistics	04	161053	3.530	0.811	0.463	0.594	88.250
	Mathematical Processes and Tools	08	161053	5.808	1.904	0.656	1.117	72.600

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3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	159652	29.972	5.882	0.885	1.995	83.255
	Basic Understanding	15	159652	12.204	2.593	0.733	1.340	81.360
	Applying Knowledge of Literary Elements	07	159652	5.641	1.514	0.610	0.945	80.585
	Using Strategies to Analyze	06	159652	5.195	1.162	0.584	0.749	86.583
	Applying Critical-Thinking Skills	08	159652	6.933	1.473	0.661	0.858	86.662
Mathematics	COMPLETE SUBTEST	40	165006	32.922	6.589	0.892	2.165	82.305
	Numbers, Operations, and Quantitative Reasoning	10	165006	8.296	1.940	0.696	1.070	82.960
	Patterns, Relationships, and Algebraic Reasoning	06	165006	5.014	1.185	0.514	0.826	83.566
	Geometry and Spatial Reasoning	06	165006	5.318	1.020	0.492	0.727	88.633
	Concepts and Uses of Measurement	06	165006	5.022	1.246	0.567	0.820	83.700
	Probability and Statistics	04	165006	3.506	0.844	0.455	0.623	87.650
	Mathematical Processes and Tools	08	165006	5.766	1.925	0.662	1.119	72.075

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3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	047624	28.463	6.526	0.891	2.155	79.063
	Basic Understanding	15	047624	11.556	2.851	0.743	1.445	77.040
	Applying Knowledge of Literary Elements	07	047624	5.390	1.646	0.638	0.990	77.000
	Using Strategies to Analyze	06	047624	4.915	1.315	0.593	0.839	81.916
	Applying Critical-Thinking Skills	08	047624	6.602	1.646	0.673	0.941	82.525
Mathematics	COMPLETE SUBTEST	40	047676	30.242	7.512	0.898	2.399	75.605
	Numbers, Operations, and Quantitative Reasoning	10	047676	7.571	2.169	0.700	1.188	75.710
	Patterns, Relationships, and Algebraic Reasoning	06	047676	4.702	1.327	0.549	0.891	78.366
	Geometry and Spatial Reasoning	06	047676	4.959	1.239	0.534	0.846	82.650
	Concepts and Uses of Measurement	06	047676	4.507	1.517	0.620	0.935	75.116
	Probability and Statistics	04	047676	3.295	0.986	0.509	0.691	82.375
	Mathematical Processes and Tools	08	047676	5.206	1.993	0.637	1.201	65.075

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	012699	32.490	4.092	0.843	1.621	90.250
	Basic Understanding	15	012699	13.333	1.892	0.656	1.110	88.886
	Applying Knowledge of Literary Elements	07	012699	6.115	1.179	0.529	0.809	87.357
	Using Strategies to Analyze	06	012699	5.588	0.809	0.505	0.569	93.133
	Applying Critical-Thinking Skills	08	012699	7.453	1.008	0.578	0.655	93.162
Mathematics	COMPLETE SUBTEST	40	012751	36.555	4.177	0.844	1.650	91.387
	Numbers, Operations, and Quantitative Reasoning	10	012751	9.193	1.228	0.570	0.805	91.930
	Patterns, Relationships, and Algebraic Reasoning	06	012751	5.522	0.803	0.396	0.624	92.033
	Geometry and Spatial Reasoning	06	012751	5.672	0.677	0.385	0.531	94.533
	Concepts and Uses of Measurement	06	012751	5.498	0.851	0.439	0.637	91.633
	Probability and Statistics	04	012751	3.792	0.512	0.285	0.433	94.800
	Mathematical Processes and Tools	08	012751	6.879	1.459	0.634	0.883	85.987

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	137950	29.177	5.979	0.878	2.088	81.047
	Basic Understanding	15	137950	11.832	2.635	0.716	1.404	78.880
	Applying Knowledge of Literary Elements	07	137950	5.489	1.550	0.602	0.978	78.414
	Using Strategies to Analyze	06	137950	5.071	1.198	0.558	0.796	84.516
	Applying Critical-Thinking Skills	08	137950	6.785	1.530	0.654	0.900	84.812
Mathematics	COMPLETE SUBTEST	40	147039	31.948	6.676	0.885	2.264	79.870
	Numbers, Operations, and Quantitative Reasoning	10	147039	7.990	1.982	0.678	1.125	79.900
	Patterns, Relationships, and Algebraic Reasoning	06	147039	4.896	1.214	0.502	0.857	81.600
	Geometry and Spatial Reasoning	06	147039	5.268	1.042	0.488	0.746	87.800
	Concepts and Uses of Measurement	06	147039	4.885	1.300	0.566	0.856	81.416
	Probability and Statistics	04	147039	3.421	0.888	0.465	0.650	85.525
	Mathematical Processes and Tools	08	147039	5.488	1.940	0.635	1.172	68.600

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	001164	30.734	5.119	0.859	1.922	85.372
	Basic Understanding	15	001164	12.473	2.334	0.685	1.310	83.153
	Applying Knowledge of Literary Elements	07	001164	5.818	1.378	0.557	0.917	83.114
	Using Strategies to Analyze	06	001164	5.336	1.021	0.521	0.707	88.933
	Applying Critical-Thinking Skills	08	001164	7.107	1.275	0.596	0.810	88.837
Mathematics	COMPLETE SUBTEST	40	001195	33.026	6.303	0.881	2.174	82.565
	Numbers, Operations, and Quantitative Reasoning	10	001195	8.242	1.867	0.655	1.097	82.420
	Patterns, Relationships, and Algebraic Reasoning	06	001195	5.022	1.175	0.507	0.825	83.700
	Geometry and Spatial Reasoning	06	001195	5.337	0.965	0.426	0.731	88.950
	Concepts and Uses of Measurement	06	001195	5.050	1.217	0.545	0.821	84.166
	Probability and Statistics	04	001195	3.511	0.841	0.453	0.622	87.775
	Mathematical Processes and Tools	08	001195	5.864	1.882	0.657	1.102	73.300

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	116750	31.997	4.518	0.853	1.732	88.880
	Basic Understanding	15	116750	13.041	2.092	0.676	1.191	86.940
	Applying Knowledge of Literary Elements	07	116750	6.116	1.212	0.542	0.820	87.371
	Using Strategies to Analyze	06	116750	5.505	0.904	0.527	0.622	91.750
	Applying Critical-Thinking Skills	08	116750	7.335	1.121	0.581	0.726	91.687
Mathematics	COMPLETE SUBTEST	40	117299	34.621	5.440	0.867	1.984	86.552
	Numbers, Operations, and Quantitative Reasoning	10	117299	8.682	1.659	0.648	0.984	86.820
	Patterns, Relationships, and Algebraic Reasoning	06	117299	5.229	1.032	0.453	0.763	87.150
	Geometry and Spatial Reasoning	06	117299	5.463	0.877	0.423	0.666	91.050
	Concepts and Uses of Measurement	06	117299	5.269	1.036	0.476	0.750	87.816
	Probability and Statistics	04	117299	3.699	0.640	0.312	0.531	92.475
	Mathematical Processes and Tools	08	117299	6.279	1.723	0.643	1.029	78.487

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	318128	33.326	6.073	0.878	2.121	83.315
	Basic Understanding	15	318128	12.942	2.258	0.704	1.228	86.280
	Applying Knowledge of Literary Elements	08	318128	6.606	1.550	0.613	0.964	82.575
	Using Strategies to Analyze	07	318128	5.452	1.405	0.527	0.966	77.885
	Applying Critical-Thinking Skills	10	318128	8.326	1.872	0.678	1.062	83.260
Mathematics	COMPLETE SUBTEST	42	323665	34.961	6.881	0.902	2.154	83.240
	Numbers, Operations, and Quantitative Reasoning	11	323665	9.619	1.912	0.737	0.981	87.445
	Patterns, Relationships, and Algebraic Reasoning	07	323665	5.811	1.500	0.668	0.864	83.014
	Geometry and Spatial Reasoning	06	323665	4.908	1.165	0.457	0.858	81.800
	Concepts and Uses of Measurement	06	323665	4.965	1.192	0.503	0.840	82.750
	Probability and Statistics	04	323665	3.441	0.907	0.561	0.601	86.025
Writing	Mathematical Processes and Tools	08	323665	6.217	1.871	0.699	1.026	77.712
	COMPLETE SUBTEST	32	312385	26.837	4.135	0.843	1.638	87.553
	Appropriate Organization of Ideas	04	312385	3.576	0.760	0.473	0.552	89.400
	Correct and Effective Sentence Construction	08	312385	6.637	1.612	0.683	0.908	82.962
	Standard Usage and Appropriate Word Choice	08	312385	7.048	1.312	0.589	0.841	88.100
	Proofreading for Punctuation, Capitalization, and Spelling	08	312385	7.254	1.101	0.527	0.757	90.675

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	157924	33.876	5.696	0.870	2.054	84.690
	Basic Understanding	15	157924	13.113	2.117	0.688	1.182	87.420
	Applying Knowledge of Literary Elements	08	157924	6.732	1.476	0.602	0.931	84.150
	Using Strategies to Analyze	07	157924	5.543	1.367	0.518	0.949	79.185
	Applying Critical-Thinking Skills	10	157924	8.488	1.746	0.655	1.026	84.880
Mathematics	COMPLETE SUBTEST	42	160227	34.968	6.816	0.900	2.155	83.257
	Numbers, Operations, and Quantitative Reasoning	11	160227	9.643	1.879	0.732	0.973	87.663
	Patterns, Relationships, and Algebraic Reasoning	07	160227	5.839	1.476	0.665	0.854	83.414
	Geometry and Spatial Reasoning	06	160227	4.878	1.168	0.457	0.861	81.300
	Concepts and Uses of Measurement	06	160227	4.942	1.198	0.507	0.841	82.366
	Probability and Statistics	04	160227	3.449	0.904	0.567	0.595	86.225
	Mathematical Processes and Tools	08	160227	6.218	1.873	0.700	1.026	77.725
	Writing	COMPLETE SUBTEST	32	155648	27.393	3.756	0.828	1.558
Appropriate Organization of Ideas	04	155648	3.633	0.702	0.449	0.521	90.825	
Correct and Effective Sentence Construction	08	155648	6.778	1.496	0.656	0.877	84.725	
Standard Usage and Appropriate Word Choice	08	155648	7.159	1.222	0.570	0.801	89.487	
Proofreading for Punctuation, Capitalization, and Spelling	08	155648	7.388	0.979	0.489	0.700	92.350	

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3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	159919	32.788	6.375	0.883	2.181	81.970
	Basic Understanding	15	159919	12.775	2.375	0.714	1.270	85.166
	Applying Knowledge of Literary Elements	08	159919	6.483	1.610	0.619	0.994	81.037
	Using Strategies to Analyze	07	159919	5.363	1.435	0.533	0.981	76.614
	Applying Critical-Thinking Skills	10	159919	8.167	1.975	0.693	1.094	81.670
Mathematics	COMPLETE SUBTEST	42	163150	34.961	6.938	0.903	2.161	83.240
	Numbers, Operations, and Quantitative Reasoning	11	163150	9.597	1.940	0.741	0.987	87.245
	Patterns, Relationships, and Algebraic Reasoning	07	163150	5.784	1.521	0.671	0.872	82.628
	Geometry and Spatial Reasoning	06	163150	4.939	1.161	0.459	0.854	82.316
	Concepts and Uses of Measurement	06	163150	4.990	1.185	0.498	0.840	83.166
	Probability and Statistics	04	163150	3.433	0.909	0.550	0.610	85.825
	Mathematical Processes and Tools	08	163150	6.218	1.869	0.698	1.027	77.725
	COMPLETE SUBTEST	32	156618	26.287	4.410	0.850	1.708	85.985
Writing	Appropriate Organization of Ideas	04	156618	3.519	0.809	0.487	0.579	87.975
	Correct and Effective Sentence Construction	08	156618	6.498	1.709	0.700	0.936	81.225
	Standard Usage and Appropriate Word Choice	08	156618	6.939	1.386	0.597	0.880	86.737
	Proofreading for Punctuation, Capitalization, and Spelling	08	156618	7.121	1.195	0.541	0.810	89.012

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3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	045359	31.434	6.652	0.879	2.314	78.585
	Basic Understanding	15	045359	12.350	2.498	0.704	1.359	82.333
	Applying Knowledge of Literary Elements	08	045359	6.230	1.695	0.618	1.048	77.875
	Using Strategies to Analyze	07	045359	5.084	1.480	0.521	1.024	72.628
	Applying Critical-Thinking Skills	10	045359	7.771	2.080	0.683	1.171	77.710
Mathematics	COMPLETE SUBTEST	42	045424	32.413	7.769	0.904	2.407	77.173
	Numbers, Operations, and Quantitative Reasoning	11	045424	9.022	2.245	0.749	1.125	82.018
	Patterns, Relationships, and Algebraic Reasoning	07	045424	5.440	1.676	0.683	0.944	77.714
	Geometry and Spatial Reasoning	06	045424	4.513	1.279	0.445	0.953	75.216
	Concepts and Uses of Measurement	06	045424	4.566	1.354	0.520	0.938	76.100
	Probability and Statistics	04	045424	3.245	1.026	0.575	0.669	81.125
	Mathematical Processes and Tools	08	045424	5.626	2.032	0.692	1.128	70.325
Writing	COMPLETE SUBTEST	32	044821	25.760	4.580	0.848	1.786	84.189
	Appropriate Organization of Ideas	04	044821	3.418	0.868	0.474	0.630	85.450
	Correct and Effective Sentence Construction	08	044821	6.340	1.797	0.709	0.969	79.250
	Standard Usage and Appropriate Word Choice	08	044821	6.657	1.524	0.594	0.971	83.212
	Proofreading for Punctuation, Capitalization, and Spelling	08	044821	7.158	1.181	0.553	0.790	89.475

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Grade 04 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	011954	36.133	4.541	0.859	1.705	90.332
	Basic Understanding	15	011954	13.864	1.685	0.681	0.952	92.426
	Applying Knowledge of Literary Elements	08	011954	7.108	1.176	0.518	0.816	88.850
	Using Strategies to Analyze	07	011954	6.052	1.174	0.519	0.814	86.457
	Applying Critical-Thinking Skills	10	011954	9.109	1.374	0.639	0.826	91.090
Mathematics	COMPLETE SUBTEST	42	012011	38.797	4.458	0.874	1.582	92.373
	Numbers, Operations, and Quantitative Reasoning	11	012011	10.452	1.148	0.662	0.667	95.018
	Patterns, Relationships, and Algebraic Reasoning	07	012011	6.485	0.966	0.579	0.627	92.642
	Geometry and Spatial Reasoning	06	012011	5.394	0.922	0.453	0.682	89.900
	Concepts and Uses of Measurement	06	012011	5.488	0.849	0.439	0.636	91.466
	Probability and Statistics	04	012011	3.742	0.628	0.508	0.440	93.550
	Mathematical Processes and Tools	08	012011	7.235	1.287	0.667	0.743	90.437
Writing	COMPLETE SUBTEST	32	011863	28.843	2.924	0.806	1.288	93.471
	Appropriate Organization of Ideas	04	011863	3.781	0.544	0.410	0.418	94.525
	Correct and Effective Sentence Construction	08	011863	7.261	1.172	0.622	0.721	90.762
	Standard Usage and Appropriate Word Choice	08	011863	7.458	0.965	0.527	0.664	93.225
	Proofreading for Punctuation, Capitalization, and Spelling	08	011863	7.671	0.694	0.409	0.534	95.887

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	144032	32.249	6.301	0.874	2.237	80.622
	Basic Understanding	15	144032	12.606	2.383	0.702	1.301	84.040
	Applying Knowledge of Literary Elements	08	144032	6.307	1.644	0.602	1.037	78.837
	Using Strategies to Analyze	07	144032	5.234	1.432	0.508	1.004	74.771
	Applying Critical-Thinking Skills	10	144032	8.103	1.940	0.671	1.113	81.030
Mathematics	COMPLETE SUBTEST	42	149071	34.153	7.089	0.899	2.253	81.316
	Numbers, Operations, and Quantitative Reasoning	11	149071	9.468	1.999	0.738	1.023	86.072
	Patterns, Relationships, and Algebraic Reasoning	07	149071	5.706	1.551	0.671	0.890	81.514
	Geometry and Spatial Reasoning	06	149071	4.790	1.195	0.444	0.891	79.833
	Concepts and Uses of Measurement	06	149071	4.892	1.218	0.498	0.863	81.533
	Probability and Statistics	04	149071	3.341	0.971	0.566	0.640	83.525
	Mathematical Processes and Tools	08	149071	5.956	1.926	0.685	1.081	74.450
	Writing	COMPLETE SUBTEST	32	141359	26.382	4.186	0.835	1.700
Appropriate Organization of Ideas	04	141359	3.505	0.803	0.459	0.591	87.625	
Correct and Effective Sentence Construction	08	141359	6.495	1.655	0.676	0.942	81.187	
Standard Usage and Appropriate Word Choice	08	141359	6.958	1.339	0.570	0.878	86.975	
	Proofreading for Punctuation, Capitalization, and Spelling	08	141359	7.187	1.141	0.524	0.787	89.837

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	001163	33.787	5.835	0.873	2.079	84.467
	Basic Understanding	15	001163	13.064	2.204	0.702	1.203	87.093
	Applying Knowledge of Literary Elements	08	001163	6.781	1.422	0.574	0.928	84.762
	Using Strategies to Analyze	07	001163	5.533	1.327	0.471	0.965	79.042
	Applying Critical-Thinking Skills	10	001163	8.409	1.822	0.669	1.048	84.090
Mathematics	COMPLETE SUBTEST	42	001175	34.927	6.890	0.901	2.168	83.159
	Numbers, Operations, and Quantitative Reasoning	11	001175	9.553	1.909	0.721	1.008	86.845
	Patterns, Relationships, and Algebraic Reasoning	07	001175	5.704	1.536	0.657	0.900	81.485
	Geometry and Spatial Reasoning	06	001175	4.970	1.135	0.454	0.839	82.833
	Concepts and Uses of Measurement	06	001175	4.940	1.220	0.518	0.847	82.333
	Probability and Statistics	04	001175	3.477	0.887	0.560	0.588	86.925
	Mathematical Processes and Tools	08	001175	6.283	1.824	0.690	1.016	78.537
Writing	COMPLETE SUBTEST	32	001137	26.794	4.055	0.836	1.642	87.542
	Appropriate Organization of Ideas	04	001137	3.636	0.709	0.469	0.517	90.900
	Correct and Effective Sentence Construction	08	001137	6.619	1.578	0.657	0.924	82.737
	Standard Usage and Appropriate Word Choice	08	001137	7.064	1.293	0.582	0.836	88.300
	Proofreading for Punctuation, Capitalization, and Spelling	08	001137	7.193	1.094	0.480	0.789	89.912

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	115393	35.126	5.019	0.856	1.905	87.815
	Basic Understanding	15	115393	13.500	1.863	0.653	1.097	90.000
	Applying Knowledge of Literary Elements	08	115393	7.076	1.239	0.550	0.831	88.450
	Using Strategies to Analyze	07	115393	5.807	1.256	0.491	0.896	82.957
	Applying Critical-Thinking Skills	10	115393	8.743	1.613	0.641	0.966	87.430
Mathematics	COMPLETE SUBTEST	42	115763	36.614	5.796	0.884	1.974	87.176
	Numbers, Operations, and Quantitative Reasoning	11	115763	9.963	1.595	0.693	0.884	90.572
	Patterns, Relationships, and Algebraic Reasoning	07	115763	6.024	1.340	0.630	0.815	86.057
	Geometry and Spatial Reasoning	06	115763	5.166	1.020	0.408	0.785	86.100
	Concepts and Uses of Measurement	06	115763	5.165	1.054	0.446	0.785	86.083
	Probability and Statistics	04	115763	3.616	0.746	0.485	0.535	90.400
	Mathematical Processes and Tools	08	115763	6.681	1.621	0.670	0.931	83.512
	COMPLETE SUBTEST	32	113116	27.626	3.763	0.839	1.510	89.928
Writing	Appropriate Organization of Ideas	04	113116	3.704	0.645	0.468	0.470	92.600
	Correct and Effective Sentence Construction	08	113116	6.868	1.466	0.662	0.852	85.850
	Standard Usage and Appropriate Word Choice	08	113116	7.274	1.155	0.581	0.748	90.925
	Proofreading for Punctuation, Capitalization, and Spelling	08	113116	7.333	1.035	0.512	0.723	91.662

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	323507	33.781	6.783	0.882	2.330	80.430
	Basic Understanding	13	323507	10.296	2.430	0.703	1.324	79.200
	Applying Knowledge of Literary Elements	08	323507	6.511	1.597	0.608	1.000	81.387
	Using Strategies to Analyze	08	323507	6.785	1.435	0.568	0.943	84.812
	Applying Critical-Thinking Skills	13	323507	10.188	2.384	0.684	1.340	78.369
Mathematics	COMPLETE SUBTEST	44	327009	36.354	7.224	0.902	2.261	82.622
	Numbers, Operations, and Quantitative Reasoning	11	327009	9.282	2.056	0.727	1.074	84.381
	Patterns, Relationships, and Algebraic Reasoning	07	327009	5.668	1.518	0.619	0.937	80.971
	Geometry and Spatial Reasoning	07	327009	6.129	1.176	0.532	0.805	87.557
	Concepts and Uses of Measurement	07	327009	5.565	1.561	0.641	0.935	79.500
	Probability and Statistics	04	327009	3.274	0.908	0.364	0.724	81.850
Science	Mathematical Processes and Tools	08	327009	6.437	1.673	0.647	0.994	80.462
	COMPLETE SUBTEST	40	323953	34.317	5.105	0.839	2.048	85.792
	Nature of Science	13	323953	11.696	1.664	0.612	1.036	89.969
	Life Sciences	09	323953	8.069	1.307	0.550	0.877	89.655
	Physical Sciences	09	323953	7.821	1.368	0.520	0.948	86.900
	Earth Sciences	09	323953	6.731	1.900	0.608	1.190	74.788

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	160281	34.277	6.527	0.878	2.280	81.611
	Basic Understanding	13	160281	10.451	2.358	0.698	1.296	80.392
	Applying Knowledge of Literary Elements	08	160281	6.605	1.550	0.606	0.973	82.562
	Using Strategies to Analyze	08	160281	6.866	1.375	0.554	0.918	85.825
	Applying Critical-Thinking Skills	13	160281	10.355	2.297	0.674	1.312	79.653
Mathematics	COMPLETE SUBTEST	44	161556	36.359	7.130	0.900	2.255	82.634
	Numbers, Operations, and Quantitative Reasoning	11	161556	9.333	2.019	0.724	1.061	84.845
	Patterns, Relationships, and Algebraic Reasoning	07	161556	5.669	1.509	0.614	0.938	80.985
	Geometry and Spatial Reasoning	07	161556	6.137	1.166	0.531	0.799	87.671
	Concepts and Uses of Measurement	07	161556	5.518	1.558	0.636	0.940	78.828
	Probability and Statistics	04	161556	3.276	0.890	0.340	0.723	81.900
	Mathematical Processes and Tools	08	161556	6.426	1.676	0.650	0.992	80.325
	COMPLETE SUBTEST	40	160563	33.779	5.181	0.835	2.105	84.447
Science	Nature of Science	13	160563	11.578	1.711	0.618	1.058	89.061
	Life Sciences	09	160563	8.007	1.322	0.548	0.889	88.966
	Physical Sciences	09	160563	7.752	1.382	0.513	0.964	86.133
	Earth Sciences	09	160563	6.442	1.956	0.599	1.239	71.577

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	163057	33.297	6.988	0.884	2.380	79.278
	Basic Understanding	13	163057	10.146	2.488	0.706	1.349	78.046
	Applying Knowledge of Literary Elements	08	163057	6.420	1.636	0.609	1.023	80.250
	Using Strategies to Analyze	08	163057	6.706	1.485	0.578	0.965	83.825
	Applying Critical-Thinking Skills	13	163057	10.026	2.456	0.691	1.365	77.123
Mathematics	COMPLETE SUBTEST	44	165268	36.356	7.308	0.904	2.264	82.627
	Numbers, Operations, and Quantitative Reasoning	11	165268	9.233	2.088	0.730	1.085	83.936
	Patterns, Relationships, and Algebraic Reasoning	07	165268	5.668	1.527	0.624	0.936	80.971
	Geometry and Spatial Reasoning	07	165268	6.123	1.185	0.534	0.809	87.471
	Concepts and Uses of Measurement	07	165268	5.611	1.562	0.645	0.931	80.157
	Probability and Statistics	04	165268	3.273	0.925	0.391	0.722	81.825
	Mathematical Processes and Tools	08	165268	6.448	1.670	0.644	0.996	80.600
	COMPLETE SUBTEST	40	163160	34.851	4.968	0.840	1.987	87.127
Science	Nature of Science	13	163160	11.813	1.606	0.601	1.014	90.869
	Life Sciences	09	163160	8.131	1.288	0.550	0.864	90.344
	Physical Sciences	09	163160	7.889	1.349	0.527	0.928	87.655
	Earth Sciences	09	163160	7.018	1.798	0.601	1.136	77.977

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	045285	32.250	7.075	0.878	2.471	76.785
	Basic Understanding	13	045285	9.837	2.516	0.694	1.392	75.669
	Applying Knowledge of Literary Elements	08	045285	6.201	1.686	0.594	1.074	77.512
	Using Strategies to Analyze	08	045285	6.500	1.561	0.574	1.019	81.250
	Applying Critical-Thinking Skills	13	045285	9.712	2.457	0.670	1.411	74.707
Mathematics	COMPLETE SUBTEST	44	045172	33.730	8.074	0.904	2.502	76.659
	Numbers, Operations, and Quantitative Reasoning	11	045172	8.711	2.327	0.740	1.187	79.190
	Patterns, Relationships, and Algebraic Reasoning	07	045172	5.287	1.664	0.624	1.020	75.528
	Geometry and Spatial Reasoning	07	045172	5.777	1.364	0.550	0.915	82.528
	Concepts and Uses of Measurement	07	045172	4.999	1.715	0.635	1.036	71.414
	Probability and Statistics	04	045172	3.032	1.014	0.382	0.797	75.800
	Mathematical Processes and Tools	08	045172	5.923	1.830	0.643	1.093	74.037
Science	COMPLETE SUBTEST	40	044578	32.545	5.554	0.834	2.263	81.362
	Nature of Science	13	044578	11.161	1.890	0.610	1.180	85.853
	Life Sciences	09	044578	7.828	1.443	0.553	0.965	86.977
	Physical Sciences	09	044578	7.461	1.511	0.512	1.056	82.900
	Earth Sciences	09	044578	6.095	1.985	0.580	1.286	67.722

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	011765	36.999	5.097	0.857	1.927	88.092
	Basic Understanding	13	011765	11.436	1.867	0.664	1.082	87.969
	Applying Knowledge of Literary Elements	08	011765	7.105	1.241	0.570	0.814	88.812
	Using Strategies to Analyze	08	011765	7.285	1.063	0.481	0.766	91.062
	Applying Critical-Thinking Skills	13	011765	11.174	1.885	0.637	1.136	85.953
Mathematics	COMPLETE SUBTEST	44	011850	40.416	4.830	0.881	1.666	91.854
	Numbers, Operations, and Quantitative Reasoning	11	011850	10.297	1.319	0.683	0.743	93.609
	Patterns, Relationships, and Algebraic Reasoning	07	011850	6.409	1.023	0.559	0.679	91.557
	Geometry and Spatial Reasoning	07	011850	6.577	0.819	0.487	0.587	93.957
	Concepts and Uses of Measurement	07	011850	6.332	1.088	0.585	0.701	90.457
	Probability and Statistics	04	011850	3.597	0.699	0.341	0.567	89.925
Science	Mathematical Processes and Tools	08	011850	7.203	1.197	0.589	0.767	90.037
	COMPLETE SUBTEST	40	011741	36.612	3.782	0.810	1.649	91.530
	Nature of Science	13	011741	12.310	1.147	0.540	0.778	94.692
	Life Sciences	09	011741	8.486	0.932	0.486	0.668	94.288
	Physical Sciences	09	011741	8.312	1.056	0.494	0.751	92.355
	Earth Sciences	09	011741	7.505	1.617	0.596	1.028	83.388

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	150959	32.229	7.026	0.875	2.484	76.735
	Basic Understanding	13	150959	9.814	2.544	0.695	1.405	75.492
	Applying Knowledge of Literary Elements	08	150959	6.186	1.670	0.587	1.073	77.325
	Using Strategies to Analyze	08	150959	6.582	1.513	0.562	1.001	82.275
	Applying Critical-Thinking Skills	13	150959	9.647	2.462	0.667	1.421	74.207
Mathematics	COMPLETE SUBTEST	44	154431	35.566	7.433	0.900	2.351	80.831
	Numbers, Operations, and Quantitative Reasoning	11	154431	9.117	2.133	0.729	1.110	82.881
	Patterns, Relationships, and Algebraic Reasoning	07	154431	5.508	1.583	0.619	0.977	78.685
	Geometry and Spatial Reasoning	07	154431	6.051	1.215	0.529	0.834	86.442
	Concepts and Uses of Measurement	07	154431	5.437	1.600	0.636	0.965	77.671
	Probability and Statistics	04	154431	3.218	0.934	0.364	0.745	80.450
	Mathematical Processes and Tools	08	154431	6.236	1.722	0.636	1.039	77.950
Science	COMPLETE SUBTEST	40	153222	33.356	5.396	0.838	2.172	83.390
	Nature of Science	13	153222	11.427	1.816	0.625	1.112	87.900
	Life Sciences	09	153222	7.865	1.438	0.572	0.941	87.388
	Physical Sciences	09	153222	7.627	1.446	0.522	1.000	84.744
	Earth Sciences	09	153222	6.436	1.923	0.580	1.246	71.511

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	001160	34.105	6.606	0.879	2.298	81.202
	Basic Understanding	13	001160	10.385	2.327	0.680	1.316	79.884
	Applying Knowledge of Literary Elements	08	001160	6.584	1.587	0.619	0.980	82.300
	Using Strategies to Analyze	08	001160	6.818	1.398	0.546	0.942	85.225
	Applying Critical-Thinking Skills	13	001160	10.317	2.325	0.679	1.317	79.361
Mathematics	COMPLETE SUBTEST	44	001167	36.013	7.337	0.902	2.297	81.847
	Numbers, Operations, and Quantitative Reasoning	11	001167	9.176	2.072	0.716	1.104	83.418
	Patterns, Relationships, and Algebraic Reasoning	07	001167	5.608	1.517	0.597	0.963	80.114
	Geometry and Spatial Reasoning	07	001167	6.082	1.209	0.544	0.816	86.885
	Concepts and Uses of Measurement	07	001167	5.512	1.574	0.630	0.957	78.742
	Probability and Statistics	04	001167	3.220	0.953	0.405	0.735	80.500
	Mathematical Processes and Tools	08	001167	6.416	1.693	0.654	0.996	80.200
Science	COMPLETE SUBTEST	40	001156	34.870	4.597	0.811	1.999	87.175
	Nature of Science	13	001156	11.891	1.455	0.532	0.995	91.469
	Life Sciences	09	001156	8.181	1.193	0.485	0.856	90.900
	Physical Sciences	09	001156	7.931	1.262	0.459	0.928	88.122
	Earth Sciences	09	001156	6.868	1.860	0.606	1.168	76.311

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	114234	36.106	5.609	0.862	2.084	85.966
	Basic Understanding	13	114234	10.999	2.053	0.659	1.199	84.607
	Applying Knowledge of Literary Elements	08	114234	7.002	1.329	0.574	0.867	87.525
	Using Strategies to Analyze	08	114234	7.114	1.215	0.522	0.840	88.925
	Applying Critical-Thinking Skills	13	114234	10.991	2.011	0.642	1.203	84.546
Mathematics	COMPLETE SUBTEST	44	114254	38.046	6.134	0.885	2.080	86.468
	Numbers, Operations, and Quantitative Reasoning	11	114254	9.627	1.781	0.685	1.000	87.518
	Patterns, Relationships, and Algebraic Reasoning	07	114254	5.960	1.320	0.572	0.864	85.142
	Geometry and Spatial Reasoning	07	114254	6.330	1.010	0.476	0.731	90.428
	Concepts and Uses of Measurement	07	114254	5.883	1.375	0.600	0.870	84.042
	Probability and Statistics	04	114254	3.414	0.809	0.306	0.674	85.350
	Mathematical Processes and Tools	08	114254	6.832	1.456	0.618	0.900	85.400
Science	COMPLETE SUBTEST	40	113090	36.080	3.888	0.785	1.803	90.200
	Nature of Science	13	113090	12.207	1.173	0.440	0.878	93.900
	Life Sciences	09	113090	8.398	0.979	0.393	0.763	93.311
	Physical Sciences	09	113090	8.174	1.112	0.434	0.837	90.822
	Earth Sciences	09	113090	7.301	1.674	0.585	1.078	81.122

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	323525	35.115	5.817	0.857	2.200	83.607
	Basic Understanding	13	323525	11.226	2.021	0.677	1.149	86.353
	Applying Knowledge of Literary Elements	08	323525	6.327	1.489	0.484	1.070	79.087
	Using Strategies to Analyze	08	323525	6.629	1.481	0.570	0.971	82.862
	Applying Critical-Thinking Skills	13	323525	10.933	1.923	0.609	1.202	84.100
Mathematics	COMPLETE SUBTEST	46	323730	35.543	8.366	0.908	2.538	77.267
	Numbers, Operations, and Quantitative Reasoning	10	323730	7.516	2.249	0.721	1.188	75.160
	Patterns, Relationships, and Algebraic Reasoning	09	323730	6.859	2.147	0.726	1.124	76.211
	Geometry and Spatial Reasoning	07	323730	5.678	1.420	0.543	0.960	81.114
	Concepts and Uses of Measurement	05	323730	3.687	1.249	0.485	0.896	73.740
	Probability and Statistics	06	323730	4.793	1.190	0.427	0.901	79.883
	Mathematical Processes and Tools	09	323730	7.010	1.960	0.703	1.068	77.888

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	160173	35.270	5.626	0.849	2.186	83.976
	Basic Understanding	13	160173	11.246	1.991	0.670	1.144	86.507
	Applying Knowledge of Literary Elements	08	160173	6.345	1.460	0.470	1.063	79.312
	Using Strategies to Analyze	08	160173	6.636	1.461	0.561	0.968	82.950
	Applying Critical-Thinking Skills	13	160173	11.043	1.835	0.584	1.184	84.946
Mathematics	COMPLETE SUBTEST	46	159986	35.733	8.159	0.905	2.515	77.680
	Numbers, Operations, and Quantitative Reasoning	10	159986	7.562	2.206	0.709	1.190	75.620
	Patterns, Relationships, and Algebraic Reasoning	09	159986	6.984	2.090	0.722	1.102	77.600
	Geometry and Spatial Reasoning	07	159986	5.679	1.404	0.539	0.953	81.128
	Concepts and Uses of Measurement	05	159986	3.626	1.280	0.504	0.901	72.520
	Probability and Statistics	06	159986	4.839	1.139	0.387	0.892	80.650
	Mathematical Processes and Tools	09	159986	7.043	1.908	0.696	1.052	78.255

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	163162	34.966	5.993	0.864	2.210	83.252
	Basic Understanding	13	163162	11.208	2.049	0.682	1.155	86.215
	Applying Knowledge of Literary Elements	08	163162	6.310	1.515	0.497	1.074	78.875
	Using Strategies to Analyze	08	163162	6.623	1.500	0.581	0.971	82.787
	Applying Critical-Thinking Skills	13	163162	10.826	1.999	0.629	1.218	83.276
Mathematics	COMPLETE SUBTEST	46	163560	35.362	8.557	0.911	2.553	76.873
	Numbers, Operations, and Quantitative Reasoning	10	163560	7.471	2.288	0.731	1.187	74.710
	Patterns, Relationships, and Algebraic Reasoning	09	163560	6.738	2.194	0.729	1.142	74.866
	Geometry and Spatial Reasoning	07	163560	5.678	1.435	0.547	0.966	81.114
	Concepts and Uses of Measurement	05	163560	3.748	1.215	0.463	0.890	74.960
	Probability and Statistics	06	163560	4.749	1.235	0.460	0.908	79.150
	Mathematical Processes and Tools	09	163560	6.978	2.009	0.711	1.080	77.533

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	044422	33.793	6.244	0.858	2.353	80.459
	Basic Understanding	13	044422	10.762	2.199	0.672	1.259	82.784
	Applying Knowledge of Literary Elements	08	044422	6.096	1.524	0.464	1.116	76.200
	Using Strategies to Analyze	08	044422	6.302	1.608	0.575	1.048	78.775
	Applying Critical-Thinking Skills	13	044422	10.633	2.076	0.625	1.271	81.792
Mathematics	COMPLETE SUBTEST	46	044301	32.474	8.898	0.905	2.743	70.595
	Numbers, Operations, and Quantitative Reasoning	10	044301	6.765	2.391	0.713	1.281	67.650
	Patterns, Relationships, and Algebraic Reasoning	09	044301	6.396	2.251	0.716	1.200	71.066
	Geometry and Spatial Reasoning	07	044301	5.219	1.542	0.523	1.065	74.557
	Concepts and Uses of Measurement	05	044301	3.245	1.367	0.500	0.967	64.900
	Probability and Statistics	06	044301	4.508	1.274	0.409	0.979	75.133
	Mathematical Processes and Tools	09	044301	6.340	2.127	0.703	1.159	70.444

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	011838	37.683	4.130	0.807	1.814	89.721
	Basic Understanding	13	011838	12.022	1.430	0.605	0.899	92.476
	Applying Knowledge of Literary Elements	08	011838	6.918	1.202	0.422	0.914	86.475
	Using Strategies to Analyze	08	011838	7.099	1.143	0.511	0.799	88.737
	Applying Critical-Thinking Skills	13	011838	11.645	1.389	0.472	1.009	89.576
Mathematics	COMPLETE SUBTEST	46	011896	41.126	5.674	0.888	1.899	89.404
	Numbers, Operations, and Quantitative Reasoning	10	011896	8.857	1.541	0.661	0.897	88.570
	Patterns, Relationships, and Algebraic Reasoning	09	011896	8.096	1.401	0.660	0.817	89.955
	Geometry and Spatial Reasoning	07	011896	6.420	0.976	0.502	0.689	91.714
	Concepts and Uses of Measurement	05	011896	4.293	0.927	0.384	0.728	85.860
	Probability and Statistics	06	011896	5.405	0.884	0.398	0.686	90.083
	Mathematical Processes and Tools	09	011896	8.054	1.401	0.665	0.811	89.488

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	150978	33.854	6.169	0.856	2.341	80.604
	Basic Understanding	13	150978	10.810	2.176	0.673	1.244	83.153
	Applying Knowledge of Literary Elements	08	150978	6.061	1.571	0.492	1.120	75.762
	Using Strategies to Analyze	08	150978	6.350	1.564	0.559	1.039	79.375
	Applying Critical-Thinking Skills	13	150978	10.632	2.039	0.614	1.267	81.784
Mathematics	COMPLETE SUBTEST	46	151432	34.195	8.488	0.903	2.644	74.336
	Numbers, Operations, and Quantitative Reasoning	10	151432	7.201	2.294	0.706	1.244	72.010
	Patterns, Relationships, and Algebraic Reasoning	09	151432	6.550	2.228	0.722	1.175	72.777
	Geometry and Spatial Reasoning	07	151432	5.469	1.467	0.525	1.011	78.128
	Concepts and Uses of Measurement	05	151432	3.588	1.271	0.472	0.924	71.760
	Probability and Statistics	06	151432	4.640	1.211	0.400	0.938	77.333
	Mathematical Processes and Tools	09	151432	6.746	2.013	0.694	1.114	74.955

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	001200	35.821	5.394	0.843	2.137	85.288
	Basic Understanding	13	001200	11.503	1.828	0.639	1.098	88.484
	Applying Knowledge of Literary Elements	08	001200	6.512	1.388	0.436	1.042	81.400
	Using Strategies to Analyze	08	001200	6.763	1.425	0.558	0.947	84.537
	Applying Critical-Thinking Skills	13	001200	11.043	1.835	0.587	1.179	84.946
Mathematics	COMPLETE SUBTEST	46	001201	35.829	8.183	0.905	2.522	77.889
	Numbers, Operations, and Quantitative Reasoning	10	001201	7.532	2.293	0.736	1.178	75.320
	Patterns, Relationships, and Algebraic Reasoning	09	001201	6.869	2.102	0.707	1.138	76.322
	Geometry and Spatial Reasoning	07	001201	5.772	1.355	0.509	0.949	82.457
	Concepts and Uses of Measurement	05	001201	3.717	1.241	0.489	0.887	74.340
	Probability and Statistics	06	001201	4.825	1.180	0.426	0.894	80.416
	Mathematical Processes and Tools	09	001201	7.114	1.892	0.682	1.067	79.044

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	114904	37.014	4.582	0.816	1.965	88.128
	Basic Understanding	13	114904	11.869	1.538	0.593	0.981	91.300
	Applying Knowledge of Literary Elements	08	114904	6.703	1.279	0.400	0.991	83.787
	Using Strategies to Analyze	08	114904	7.072	1.197	0.497	0.849	88.400
	Applying Critical-Thinking Skills	13	114904	11.371	1.627	0.543	1.100	87.469
Mathematics	COMPLETE SUBTEST	46	114725	37.933	7.254	0.897	2.328	82.463
	Numbers, Operations, and Quantitative Reasoning	10	114725	8.084	1.986	0.695	1.097	80.840
	Patterns, Relationships, and Algebraic Reasoning	09	114725	7.318	1.913	0.701	1.046	81.311
	Geometry and Spatial Reasoning	07	114725	6.054	1.212	0.498	0.859	86.485
	Concepts and Uses of Measurement	05	114725	3.927	1.122	0.430	0.847	78.540
	Probability and Statistics	06	114725	5.043	1.081	0.412	0.829	84.050
	Mathematical Processes and Tools	09	114725	7.508	1.694	0.662	0.985	83.422

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	319830	39.882	7.090	0.888	2.373	83.087
	Basic Understanding	12	319830	10.059	2.135	0.705	1.160	83.825
	Applying Knowledge of Literary Elements	10	319830	8.720	1.573	0.591	1.006	87.200
	Using Strategies to Analyze	10	319830	8.139	1.768	0.608	1.107	81.390
	Applying Critical-Thinking Skills	16	319830	12.965	2.678	0.710	1.442	81.031
Mathematics	COMPLETE SUBTEST	48	318922	34.927	9.101	0.908	2.760	72.764
	Numbers, Operations, and Quantitative Reasoning	10	318922	7.536	2.144	0.671	1.230	75.360
	Patterns, Relationships, and Algebraic Reasoning	10	318922	7.003	2.510	0.745	1.267	70.030
	Geometry and Spatial Reasoning	07	318922	5.338	1.509	0.537	1.027	76.257
	Concepts and Uses of Measurement	05	318922	3.360	1.358	0.568	0.893	67.200
	Probability and Statistics	07	318922	4.828	1.663	0.543	1.124	68.971
Writing	Mathematical Processes and Tools	09	318922	6.862	1.908	0.641	1.143	76.244
	COMPLETE SUBTEST	44	316168	36.341	5.978	0.875	2.114	84.615
	Appropriate Organization of Ideas	06	316168	5.084	1.162	0.535	0.792	84.733
	Correct and Effective Sentence Construction	10	316168	8.291	1.981	0.728	1.033	82.910
	Standard Usage and Appropriate Word Choice	12	316168	10.275	1.797	0.617	1.112	85.625
	Proofreading for Punctuation, Capitalization, and Spelling	12	316168	10.195	1.825	0.611	1.138	84.958

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	158208	40.634	6.587	0.878	2.301	84.654
	Basic Understanding	12	158208	10.231	2.027	0.694	1.121	85.258
	Applying Knowledge of Literary Elements	10	158208	8.867	1.460	0.569	0.958	88.670
	Using Strategies to Analyze	10	158208	8.298	1.672	0.584	1.078	82.980
	Applying Critical-Thinking Skills	16	158208	13.238	2.496	0.687	1.396	82.737
Mathematics	COMPLETE SUBTEST	48	157468	35.103	8.965	0.906	2.749	73.131
	Numbers, Operations, and Quantitative Reasoning	10	157468	7.566	2.134	0.668	1.230	75.660
	Patterns, Relationships, and Algebraic Reasoning	10	157468	6.968	2.510	0.744	1.270	69.680
	Geometry and Spatial Reasoning	07	157468	5.381	1.493	0.533	1.020	76.871
	Concepts and Uses of Measurement	05	157468	3.447	1.320	0.550	0.885	68.940
	Probability and Statistics	07	157468	4.880	1.643	0.537	1.118	69.714
Writing	Mathematical Processes and Tools	09	157468	6.861	1.884	0.632	1.143	76.233
	COMPLETE SUBTEST	44	156866	37.392	5.215	0.853	1.999	86.940
	Appropriate Organization of Ideas	06	156866	5.196	1.060	0.484	0.761	86.600
	Correct and Effective Sentence Construction	10	156866	8.574	1.765	0.693	0.978	85.740
	Standard Usage and Appropriate Word Choice	12	156866	10.515	1.607	0.570	1.054	87.625
	Proofreading for Punctuation, Capitalization, and Spelling	12	156866	10.491	1.588	0.550	1.065	87.425

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	161474	39.148	7.475	0.893	2.445	81.558
	Basic Understanding	12	161474	9.891	2.224	0.711	1.196	82.425
	Applying Knowledge of Literary Elements	10	161474	8.577	1.664	0.604	1.047	85.770
	Using Strategies to Analyze	10	161474	7.983	1.844	0.622	1.134	79.830
	Applying Critical-Thinking Skills	16	161474	12.697	2.819	0.723	1.484	79.356
Mathematics	COMPLETE SUBTEST	48	161307	34.761	9.226	0.911	2.752	72.418
	Numbers, Operations, and Quantitative Reasoning	10	161307	7.508	2.153	0.675	1.227	75.080
	Patterns, Relationships, and Algebraic Reasoning	10	161307	7.039	2.509	0.747	1.262	70.390
	Geometry and Spatial Reasoning	07	161307	5.297	1.523	0.541	1.032	75.671
	Concepts and Uses of Measurement	05	161307	3.275	1.388	0.579	0.901	65.500
	Probability and Statistics	07	161307	4.779	1.679	0.552	1.124	68.271
Writing	Mathematical Processes and Tools	09	161307	6.864	1.932	0.649	1.145	76.266
	COMPLETE SUBTEST	44	159239	35.307	6.478	0.883	2.216	82.327
	Appropriate Organization of Ideas	06	159239	4.974	1.245	0.562	0.824	82.900
	Correct and Effective Sentence Construction	10	159239	8.013	2.136	0.742	1.085	80.130
	Standard Usage and Appropriate Word Choice	12	159239	10.039	1.937	0.638	1.165	83.658
	Proofreading for Punctuation, Capitalization, and Spelling	12	159239	9.904	1.987	0.633	1.204	82.533

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	044301	38.386	7.557	0.888	2.529	79.970
	Basic Understanding	12	044301	9.633	2.312	0.708	1.249	80.275
	Applying Knowledge of Literary Elements	10	044301	8.521	1.671	0.589	1.071	85.210
	Using Strategies to Analyze	10	044301	7.765	1.869	0.600	1.182	77.650
	Applying Critical-Thinking Skills	16	044301	12.467	2.829	0.711	1.521	77.918
Mathematics	COMPLETE SUBTEST	48	043945	31.372	9.475	0.902	2.966	65.358
	Numbers, Operations, and Quantitative Reasoning	10	043945	6.751	2.298	0.663	1.334	67.510
	Patterns, Relationships, and Algebraic Reasoning	10	043945	6.188	2.579	0.723	1.357	61.880
	Geometry and Spatial Reasoning	07	043945	4.762	1.660	0.536	1.131	68.028
	Concepts and Uses of Measurement	05	043945	3.009	1.382	0.537	0.940	60.180
	Probability and Statistics	07	043945	4.409	1.694	0.514	1.181	62.985
	Mathematical Processes and Tools	09	043945	6.252	2.059	0.641	1.234	69.466
Writing	COMPLETE SUBTEST	44	043827	35.074	6.213	0.869	2.249	81.770
	Appropriate Organization of Ideas	06	043827	4.956	1.240	0.549	0.833	82.600
	Correct and Effective Sentence Construction	10	043827	7.929	2.118	0.724	1.113	79.290
	Standard Usage and Appropriate Word Choice	12	043827	9.852	1.891	0.591	1.209	82.100
	Proofreading for Punctuation, Capitalization, and Spelling	12	043827	9.970	1.904	0.607	1.194	83.083

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	011673	43.247	5.046	0.854	1.928	90.097
	Basic Understanding	12	011673	10.994	1.493	0.642	0.893	91.616
	Applying Knowledge of Literary Elements	10	011673	9.228	1.152	0.514	0.803	92.280
	Using Strategies to Analyze	10	011673	8.924	1.359	0.560	0.901	89.240
	Applying Critical-Thinking Skills	16	011673	14.100	1.991	0.628	1.214	88.125
Mathematics	COMPLETE SUBTEST	48	011709	41.556	6.576	0.894	2.141	86.575
	Numbers, Operations, and Quantitative Reasoning	10	011709	8.874	1.483	0.616	0.919	88.740
	Patterns, Relationships, and Algebraic Reasoning	10	011709	8.699	1.817	0.734	0.937	86.990
	Geometry and Spatial Reasoning	07	011709	6.116	1.112	0.462	0.816	87.371
	Concepts and Uses of Measurement	05	011709	4.225	1.029	0.529	0.706	84.500
	Probability and Statistics	07	011709	5.775	1.354	0.538	0.920	82.500
	Mathematical Processes and Tools	09	011709	7.867	1.408	0.585	0.907	87.411
Writing	COMPLETE SUBTEST	44	011625	39.681	4.179	0.843	1.656	91.975
	Appropriate Organization of Ideas	06	011625	5.480	0.838	0.415	0.641	91.333
	Correct and Effective Sentence Construction	10	011625	9.173	1.362	0.675	0.776	91.730
	Standard Usage and Appropriate Word Choice	12	011625	11.039	1.333	0.569	0.875	91.991
	Proofreading for Punctuation, Capitalization, and Spelling	12	011625	11.097	1.247	0.527	0.858	92.475

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	146692	38.461	7.526	0.888	2.519	80.127
	Basic Understanding	12	146692	9.756	2.264	0.707	1.225	81.300
	Applying Knowledge of Literary Elements	10	146692	8.440	1.718	0.607	1.077	84.400
	Using Strategies to Analyze	10	146692	7.830	1.856	0.604	1.168	78.300
	Applying Critical-Thinking Skills	16	146692	12.435	2.826	0.710	1.522	77.718
Mathematics	COMPLETE SUBTEST	48	146568	33.338	9.078	0.900	2.871	69.454
	Numbers, Operations, and Quantitative Reasoning	10	146568	7.234	2.192	0.659	1.280	72.340
	Patterns, Relationships, and Algebraic Reasoning	10	146568	6.595	2.537	0.728	1.323	65.950
	Geometry and Spatial Reasoning	07	146568	5.150	1.530	0.517	1.063	73.571
	Concepts and Uses of Measurement	05	146568	3.192	1.367	0.548	0.919	63.840
	Probability and Statistics	07	146568	4.519	1.657	0.501	1.171	64.557
	Mathematical Processes and Tools	09	146568	6.647	1.947	0.633	1.180	73.855
Writing	COMPLETE SUBTEST	44	145432	35.235	6.168	0.868	2.241	82.120
	Appropriate Organization of Ideas	06	145432	4.882	1.244	0.522	0.860	81.366
	Correct and Effective Sentence Construction	10	145432	7.993	2.071	0.717	1.102	79.930
	Standard Usage and Appropriate Word Choice	12	145432	10.022	1.876	0.608	1.175	83.516
	Proofreading for Punctuation, Capitalization, and Spelling	12	145432	9.951	1.892	0.600	1.197	82.925

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	001148	40.311	6.772	0.881	2.336	83.981
	Basic Understanding	12	001148	10.118	2.030	0.675	1.157	84.316
	Applying Knowledge of Literary Elements	10	001148	8.801	1.517	0.580	0.983	88.010
	Using Strategies to Analyze	10	001148	8.234	1.723	0.601	1.088	82.340
	Applying Critical-Thinking Skills	16	001148	13.159	2.564	0.699	1.407	82.243
Mathematics	COMPLETE SUBTEST	48	001145	35.066	9.001	0.906	2.760	73.054
	Numbers, Operations, and Quantitative Reasoning	10	001145	7.626	2.077	0.652	1.225	76.260
	Patterns, Relationships, and Algebraic Reasoning	10	001145	6.997	2.457	0.727	1.284	69.970
	Geometry and Spatial Reasoning	07	001145	5.424	1.460	0.516	1.016	77.485
	Concepts and Uses of Measurement	05	001145	3.357	1.396	0.603	0.880	67.140
	Probability and Statistics	07	001145	4.836	1.673	0.550	1.122	69.085
	Mathematical Processes and Tools	09	001145	6.827	1.919	0.640	1.151	75.855
Writing	COMPLETE SUBTEST	44	001118	36.497	5.864	0.873	2.090	85.020
	Appropriate Organization of Ideas	06	001118	5.126	1.161	0.559	0.771	85.433
	Correct and Effective Sentence Construction	10	001118	8.279	1.943	0.713	1.041	82.790
	Standard Usage and Appropriate Word Choice	12	001118	10.360	1.735	0.604	1.092	86.333
	Proofreading for Punctuation, Capitalization, and Spelling	12	001118	10.242	1.818	0.618	1.124	85.350

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	115862	41.914	5.778	0.861	2.154	87.320
	Basic Understanding	12	115862	10.512	1.817	0.663	1.055	87.600
	Applying Knowledge of Literary Elements	10	115862	9.099	1.259	0.494	0.896	90.990
	Using Strategies to Analyze	10	115862	8.593	1.507	0.552	1.009	85.930
	Applying Critical-Thinking Skills	16	115862	13.711	2.238	0.656	1.313	85.693
Mathematics	COMPLETE SUBTEST	48	115401	37.635	8.054	0.897	2.585	78.406
	Numbers, Operations, and Quantitative Reasoning	10	115401	8.083	1.865	0.625	1.142	80.830
	Patterns, Relationships, and Algebraic Reasoning	10	115401	7.663	2.260	0.725	1.185	76.630
	Geometry and Spatial Reasoning	07	115401	5.717	1.319	0.481	0.950	81.671
	Concepts and Uses of Measurement	05	115401	3.620	1.279	0.554	0.854	72.400
	Probability and Statistics	07	115401	5.286	1.534	0.528	1.054	75.514
Writing	Mathematical Processes and Tools	09	115401	7.266	1.710	0.605	1.075	80.733
	COMPLETE SUBTEST	44	114083	37.898	5.272	0.868	1.915	88.140
	Appropriate Organization of Ideas	06	114083	5.352	0.974	0.489	0.696	89.200
	Correct and Effective Sentence Construction	10	114083	8.720	1.739	0.717	0.925	87.200
	Standard Usage and Appropriate Word Choice	12	114083	10.683	1.582	0.602	0.998	89.025
	Proofreading for Punctuation, Capitalization, and Spelling	12	114083	10.501	1.673	0.602	1.055	87.508

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
Reading	COMPLETE SUBTEST	48	319826	42.322	6.192	0.887	2.081	88.170	
	Basic Understanding	12	319826	10.693	1.675	0.638	1.008	89.108	
	Applying Knowledge of Literary Elements	10	319826	8.754	1.609	0.645	0.959	87.540	
	Using Strategies to Analyze	10	319826	8.687	1.559	0.588	1.001	86.870	
	Applying Critical-Thinking Skills	16	319826	14.188	2.261	0.726	1.184	88.675	
Mathematics	COMPLETE SUBTEST	50	317831	36.964	9.114	0.905	2.809	73.928	
	Numbers, Operations, and Quantitative Reasoning	10	317831	7.391	2.098	0.650	1.241	73.910	
	Patterns, Relationships, and Algebraic Reasoning	10	317831	7.587	2.233	0.704	1.215	75.870	
	Geometry and Spatial Reasoning	07	317831	5.417	1.534	0.558	1.020	77.385	
	Concepts and Uses of Measurement	05	317831	3.118	1.419	0.538	0.965	62.360	
	Probability and Statistics	08	317831	6.081	1.715	0.592	1.095	76.012	
	Mathematical Processes and Tools	10	317831	7.369	2.120	0.638	1.276	73.690	
	Social Studies	COMPLETE SUBTEST	48	313167	37.979	8.266	0.904	2.561	79.122
		Issues and Events in U.S. History	13	313167	9.998	2.715	0.745	1.371	76.907
Geographic Influences on History		06	313167	4.872	1.279	0.538	0.869	81.200	
Economic and Social Influences on History		09	313167	7.235	1.801	0.628	1.098	80.388	
Political Influences on History		12	313167	9.097	2.476	0.706	1.343	75.808	
Critical-Thinking Skills		08	313167	6.778	1.424	0.560	0.945	84.725	
Science	COMPLETE SUBTEST	50	313896	36.903	8.233	0.882	2.828	73.806	
	Nature of Science	14	313896	10.781	2.459	0.661	1.432	77.007	
	Life Systems and the Environment	12	313896	8.971	2.310	0.638	1.390	74.758	
	Structures and Properties of Matter	06	313896	4.314	1.343	0.461	0.986	71.900	
	Motion, Forces, and Energy	06	313896	4.669	1.296	0.462	0.951	77.816	
	Earth and Space Systems	12	313896	8.168	2.592	0.686	1.452	68.066	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
Reading	COMPLETE SUBTEST	48	158613	42.955	5.619	0.876	1.979	89.489	
	Basic Understanding	12	158613	10.864	1.522	0.611	0.949	90.533	
	Applying Knowledge of Literary Elements	10	158613	8.950	1.462	0.621	0.900	89.500	
	Using Strategies to Analyze	10	158613	8.790	1.457	0.561	0.965	87.900	
	Applying Critical-Thinking Skills	16	158613	14.351	2.084	0.703	1.136	89.693	
Mathematics	COMPLETE SUBTEST	50	157457	36.876	9.053	0.904	2.805	73.752	
	Numbers, Operations, and Quantitative Reasoning	10	157457	7.392	2.083	0.645	1.241	73.920	
	Patterns, Relationships, and Algebraic Reasoning	10	157457	7.594	2.208	0.697	1.215	75.940	
	Geometry and Spatial Reasoning	07	157457	5.328	1.555	0.554	1.038	76.114	
	Concepts and Uses of Measurement	05	157457	3.155	1.417	0.541	0.960	63.100	
	Probability and Statistics	08	157457	6.083	1.700	0.586	1.094	76.037	
	Mathematical Processes and Tools	10	157457	7.325	2.115	0.636	1.276	73.250	
	Social Studies	COMPLETE SUBTEST	48	155236	37.563	8.087	0.896	2.608	78.256
		Issues and Events in U.S. History	13	155236	9.838	2.697	0.731	1.399	75.676
Geographic Influences on History		06	155236	4.786	1.293	0.523	0.893	79.766	
Economic and Social Influences on History		09	155236	7.161	1.774	0.604	1.116	79.566	
Political Influences on History		12	155236	9.055	2.423	0.687	1.356	75.458	
Critical-Thinking Skills		08	155236	6.723	1.407	0.534	0.960	84.037	
Science	COMPLETE SUBTEST	50	155703	36.312	8.103	0.875	2.865	72.624	
	Nature of Science	14	155703	10.752	2.415	0.647	1.435	76.800	
	Life Systems and the Environment	12	155703	8.861	2.284	0.620	1.408	73.841	
	Structures and Properties of Matter	06	155703	4.298	1.327	0.453	0.981	71.633	
	Motion, Forces, and Energy	06	155703	4.516	1.319	0.439	0.988	75.266	
	Earth and Space Systems	12	155703	7.886	2.594	0.674	1.481	65.716	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	161110	41.702	6.646	0.894	2.164	86.879
	Basic Understanding	12	161110	10.526	1.796	0.653	1.058	87.716
	Applying Knowledge of Literary Elements	10	161110	8.561	1.719	0.655	1.010	85.610
	Using Strategies to Analyze	10	161110	8.586	1.646	0.606	1.033	85.860
	Applying Critical-Thinking Skills	16	161110	14.029	2.410	0.741	1.226	87.681
Mathematics	COMPLETE SUBTEST	50	160227	37.057	9.170	0.907	2.796	74.114
	Numbers, Operations, and Quantitative Reasoning	10	160227	7.391	2.112	0.657	1.237	73.910
	Patterns, Relationships, and Algebraic Reasoning	10	160227	7.582	2.257	0.712	1.211	75.820
	Geometry and Spatial Reasoning	07	160227	5.506	1.507	0.558	1.002	78.657
	Concepts and Uses of Measurement	05	160227	3.083	1.421	0.535	0.969	61.660
	Probability and Statistics	08	160227	6.081	1.729	0.600	1.094	76.012
	Mathematical Processes and Tools	10	160227	7.413	2.124	0.642	1.271	74.130
	COMPLETE SUBTEST	48	157786	38.393	8.417	0.911	2.511	79.985
Social Studies	Issues and Events in U.S. History	13	157786	10.156	2.723	0.758	1.340	78.123
	Geographic Influences on History	06	157786	4.956	1.259	0.550	0.845	82.600
	Economic and Social Influences on History	09	157786	7.308	1.824	0.649	1.081	81.200
	Political Influences on History	12	157786	9.140	2.526	0.724	1.327	76.166
	Critical-Thinking Skills	08	157786	6.833	1.438	0.584	0.927	85.412
Science	COMPLETE SUBTEST	50	158043	37.491	8.316	0.888	2.783	74.982
	Nature of Science	14	158043	10.810	2.499	0.675	1.425	77.214
	Life Systems and the Environment	12	158043	9.081	2.330	0.655	1.369	75.675
	Structures and Properties of Matter	06	158043	4.331	1.358	0.473	0.986	72.183
	Motion, Forces, and Energy	06	158043	4.820	1.254	0.472	0.911	80.333
	Earth and Space Systems	12	158043	8.448	2.559	0.692	1.420	70.400

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) African American Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value
Reading	COMPLETE SUBTEST	48	045087	41.312	6.610	0.886	2.232	86.066
	Basic Understanding	12	045087	10.500	1.777	0.637	1.071	87.500
	Applying Knowledge of Literary Elements	10	045087	8.535	1.720	0.644	1.026	85.350
	Using Strategies to Analyze	10	045087	8.479	1.663	0.586	1.070	84.790
	Applying Critical-Thinking Skills	16	045087	13.798	2.431	0.720	1.286	86.237
Mathematics	COMPLETE SUBTEST	50	044563	33.295	9.482	0.899	3.013	66.590
	Numbers, Operations, and Quantitative Reasoning	10	044563	6.683	2.235	0.647	1.328	66.830
	Patterns, Relationships, and Algebraic Reasoning	10	044563	6.850	2.389	0.694	1.322	68.500
	Geometry and Spatial Reasoning	07	044563	4.739	1.711	0.558	1.138	67.700
	Concepts and Uses of Measurement	05	044563	2.692	1.414	0.495	1.005	53.840
	Probability and Statistics	08	044563	5.607	1.789	0.569	1.174	70.087
	Mathematical Processes and Tools	10	044563	6.724	2.155	0.593	1.375	67.240
	COMPLETE SUBTEST	48	044083	35.943	8.420	0.894	2.741	74.881
Social Studies	Issues and Events in U.S. History	13	044083	9.361	2.789	0.722	1.471	72.007
	Geographic Influences on History	06	044083	4.557	1.365	0.512	0.954	75.950
	Economic and Social Influences on History	09	044083	6.851	1.875	0.601	1.184	76.122
	Political Influences on History	12	044083	8.659	2.481	0.672	1.421	72.158
	Critical-Thinking Skills	08	044083	6.515	1.512	0.541	1.024	81.437
Science	COMPLETE SUBTEST	50	044127	33.690	8.229	0.865	3.024	67.380
	Nature of Science	14	044127	9.982	2.572	0.644	1.535	71.300
	Life Systems and the Environment	12	044127	8.211	2.349	0.592	1.500	68.425
	Structures and Properties of Matter	06	044127	3.980	1.366	0.424	1.037	66.333
	Motion, Forces, and Energy	06	044127	4.349	1.341	0.409	1.031	72.483
	Earth and Space Systems	12	044127	7.168	2.618	0.652	1.544	59.733

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	011234	44.736	4.303	0.855	1.639	93.200
	Basic Understanding	12	011234	11.283	1.155	0.545	0.779	94.025
	Applying Knowledge of Literary Elements	10	011234	9.228	1.200	0.573	0.784	92.280
	Using Strategies to Analyze	10	011234	9.238	1.146	0.524	0.791	92.380
	Applying Critical-Thinking Skills	16	011234	14.986	1.611	0.677	0.916	93.662
Mathematics	COMPLETE SUBTEST	50	011281	43.353	6.915	0.900	2.187	86.706
	Numbers, Operations, and Quantitative Reasoning	10	011281	8.641	1.577	0.609	0.986	86.410
	Patterns, Relationships, and Algebraic Reasoning	10	011281	8.957	1.578	0.693	0.874	89.570
	Geometry and Spatial Reasoning	07	011281	6.126	1.177	0.524	0.812	87.514
	Concepts and Uses of Measurement	05	011281	3.991	1.190	0.562	0.788	79.820
	Probability and Statistics	08	011281	7.020	1.282	0.553	0.857	87.750
	Mathematical Processes and Tools	10	011281	8.619	1.709	0.661	0.995	86.190
Social Studies	COMPLETE SUBTEST	48	011200	42.885	5.800	0.884	1.975	89.343
	Issues and Events in U.S. History	13	011200	11.554	1.923	0.708	1.039	88.876
	Geographic Influences on History	06	011200	5.452	0.903	0.477	0.653	90.866
	Economic and Social Influences on History	09	011200	8.033	1.297	0.555	0.865	89.255
	Political Influences on History	12	011200	10.522	1.833	0.676	1.043	87.683
	Critical-Thinking Skills	08	011200	7.324	1.034	0.493	0.736	91.550
Science	COMPLETE SUBTEST	50	011216	41.641	6.615	0.867	2.412	83.282
	Nature of Science	14	011216	11.976	1.930	0.616	1.196	85.542
	Life Systems and the Environment	12	011216	10.027	1.895	0.608	1.186	83.558
	Structures and Properties of Matter	06	011216	4.974	1.108	0.427	0.839	82.900
	Motion, Forces, and Energy	06	011216	5.215	1.038	0.445	0.773	86.916
	Earth and Space Systems	12	011216	9.449	2.198	0.659	1.284	78.741

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value
Reading	COMPLETE SUBTEST	48	145802	41.209	6.800	0.894	2.214	85.852
	Basic Understanding	12	145802	10.437	1.834	0.656	1.076	86.975
	Applying Knowledge of Literary Elements	10	145802	8.476	1.762	0.658	1.030	84.760
	Using Strategies to Analyze	10	145802	8.488	1.697	0.618	1.049	84.880
	Applying Critical-Thinking Skills	16	145802	13.807	2.461	0.733	1.272	86.293
Mathematics	COMPLETE SUBTEST	50	145087	35.446	9.236	0.901	2.906	70.892
	Numbers, Operations, and Quantitative Reasoning	10	145087	7.132	2.157	0.648	1.280	71.320
	Patterns, Relationships, and Algebraic Reasoning	10	145087	7.319	2.285	0.697	1.258	73.190
	Geometry and Spatial Reasoning	07	145087	5.274	1.568	0.551	1.051	75.342
	Concepts and Uses of Measurement	05	145087	2.954	1.417	0.515	0.987	59.080
	Probability and Statistics	08	145087	5.773	1.777	0.582	1.149	72.162
	Mathematical Processes and Tools	10	145087	6.993	2.152	0.619	1.328	69.930
	COMPLETE SUBTEST	48	142124	36.132	8.567	0.899	2.723	75.275
Social Studies	Issues and Events in U.S. History	13	142124	9.539	2.802	0.736	1.440	73.376
	Geographic Influences on History	06	142124	4.646	1.361	0.534	0.929	77.433
	Economic and Social Influences on History	09	142124	6.819	1.887	0.606	1.184	75.766
	Political Influences on History	12	142124	8.618	2.538	0.688	1.418	71.816
	Critical-Thinking Skills	08	142124	6.510	1.528	0.562	1.011	81.375
Science	COMPLETE SUBTEST	50	142562	34.840	8.226	0.871	2.954	69.680
	Nature of Science	14	142562	10.285	2.533	0.651	1.496	73.464
	Life Systems and the Environment	12	142562	8.437	2.358	0.614	1.465	70.308
	Structures and Properties of Matter	06	142562	4.104	1.367	0.444	1.019	68.400
	Motion, Forces, and Energy	06	142562	4.420	1.341	0.436	1.007	73.666
Earth and Space Systems	12	142562	7.594	2.546	0.646	1.515	63.283	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
Reading	COMPLETE SUBTEST	48	001209	42.630	5.879	0.878	2.053	88.812	
	Basic Understanding	12	001209	10.768	1.615	0.619	0.997	89.733	
	Applying Knowledge of Literary Elements	10	001209	8.876	1.496	0.605	0.940	88.760	
	Using Strategies to Analyze	10	001209	8.691	1.524	0.564	1.006	86.910	
	Applying Critical-Thinking Skills	16	001209	14.294	2.207	0.722	1.164	89.337	
Mathematics	COMPLETE SUBTEST	50	001196	37.124	8.830	0.899	2.806	74.248	
	Numbers, Operations, and Quantitative Reasoning	10	001196	7.345	2.045	0.620	1.261	73.450	
	Patterns, Relationships, and Algebraic Reasoning	10	001196	7.557	2.245	0.705	1.219	75.570	
	Geometry and Spatial Reasoning	07	001196	5.483	1.499	0.544	1.012	78.328	
	Concepts and Uses of Measurement	05	001196	3.093	1.366	0.472	0.993	61.860	
	Probability and Statistics	08	001196	6.152	1.688	0.593	1.077	76.900	
	Mathematical Processes and Tools	10	001196	7.493	2.027	0.605	1.274	74.930	
	Social Studies	COMPLETE SUBTEST	48	001181	38.750	7.761	0.895	2.515	80.729
		Issues and Events in U.S. History	13	001181	10.119	2.629	0.729	1.369	77.838
Geographic Influences on History		06	001181	4.997	1.188	0.499	0.841	83.283	
Economic and Social Influences on History		09	001181	7.511	1.652	0.586	1.063	83.455	
Political Influences on History		12	001181	9.245	2.415	0.704	1.314	77.041	
Critical-Thinking Skills		08	001181	6.879	1.333	0.508	0.935	85.987	
Science	COMPLETE SUBTEST	50	001176	38.035	7.667	0.869	2.775	76.070	
	Nature of Science	14	001176	11.021	2.312	0.627	1.412	78.721	
	Life Systems and the Environment	12	001176	9.313	2.148	0.603	1.353	77.608	
	Structures and Properties of Matter	06	001176	4.392	1.311	0.447	0.975	73.200	
	Motion, Forces, and Energy	06	001176	4.815	1.248	0.456	0.920	80.250	
	Earth and Space Systems	12	001176	8.494	2.488	0.672	1.425	70.783	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	116413	43.874	4.833	0.853	1.853	91.404
	Basic Understanding	12	116413	11.033	1.365	0.560	0.905	91.941
	Applying Knowledge of Literary Elements	10	116413	9.139	1.276	0.562	0.844	91.390
	Using Strategies to Analyze	10	116413	8.962	1.292	0.490	0.923	89.620
	Applying Critical-Thinking Skills	16	116413	14.739	1.803	0.671	1.034	92.118
Mathematics	COMPLETE SUBTEST	50	115587	39.668	7.851	0.888	2.627	79.336
	Numbers, Operations, and Quantitative Reasoning	10	115587	7.870	1.838	0.592	1.174	78.700
	Patterns, Relationships, and Algebraic Reasoning	10	115587	8.077	1.983	0.671	1.137	80.770
	Geometry and Spatial Reasoning	07	115587	5.789	1.304	0.474	0.946	82.700
	Concepts and Uses of Measurement	05	115587	3.405	1.351	0.521	0.935	68.100
	Probability and Statistics	08	115587	6.560	1.474	0.534	1.006	82.000
	Mathematical Processes and Tools	10	115587	7.968	1.890	0.607	1.185	79.680
Social Studies	COMPLETE SUBTEST	48	114403	40.579	7.036	0.892	2.312	84.539
	Issues and Events in U.S. History	13	114403	10.662	2.426	0.730	1.261	82.015
	Geographic Influences on History	06	114403	5.216	1.054	0.470	0.767	86.933
	Economic and Social Influences on History	09	114403	7.821	1.492	0.586	0.960	86.900
	Political Influences on History	12	114403	9.722	2.249	0.699	1.234	81.016
	Critical-Thinking Skills	08	114403	7.158	1.163	0.488	0.832	89.475
Science	COMPLETE SUBTEST	50	114637	40.238	6.910	0.859	2.595	80.476
	Nature of Science	14	114637	11.587	2.062	0.593	1.315	82.764
	Life Systems and the Environment	12	114637	9.822	1.937	0.578	1.258	81.850
	Structures and Properties of Matter	06	114637	4.641	1.227	0.430	0.926	77.350
	Motion, Forces, and Energy	06	114637	5.048	1.120	0.421	0.852	84.133
	Earth and Space Systems	12	114637	9.141	2.290	0.655	1.345	76.175

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	343364	32.645	5.180	0.854	1.979	87.006
	Basic Understanding	09	343364	7.867	1.349	0.557	0.898	87.411
	Literary Elements and Techniques	15	343364	11.578	2.079	0.682	1.172	85.333
	Analysis and Evaluation	18	343364	13.199	2.492	0.758	1.226	88.366
Mathematics	COMPLETE SUBTEST	52	336081	34.946	10.808	0.923	2.999	67.203
	Functional Relationships	05	336081	3.257	1.358	0.498	0.962	65.140
	Properties and Attributes of Functions	05	336081	3.515	1.300	0.479	0.938	70.300
	Linear Functions	05	336081	3.472	1.383	0.561	0.916	69.440
	Linear Equations and Inequalities	05	336081	3.362	1.409	0.566	0.928	67.240
	Quadratic and Other Nonlinear Functions	04	336081	2.886	1.157	0.574	0.755	72.150
	Geometric Relationships and Spatial Reasoning	04	336081	2.856	1.045	0.433	0.787	71.400
	Two- and Three-Dimensional Representations	04	336081	2.866	1.073	0.428	0.812	71.650
	Measurement and Similarity	06	336081	3.696	1.705	0.624	1.045	61.600
	Percents/Proportions/Probability/Statistics	05	336081	3.204	1.402	0.525	0.966	64.080
	Mathematical Processes and Tools	09	336081	5.832	2.190	0.671	1.256	64.800

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	165909	33.232	4.647	0.829	1.922	88.315
	Basic Understanding	09	165909	7.987	1.229	0.502	0.867	88.744
	Literary Elements and Techniques	15	165909	11.763	1.944	0.648	1.153	86.233
	Analysis and Evaluation	18	165909	13.482	2.239	0.719	1.187	90.075
Mathematics	COMPLETE SUBTEST	52	162697	35.346	10.359	0.917	2.984	67.973
	Functional Relationships	05	162697	3.311	1.328	0.476	0.961	66.220
	Properties and Attributes of Functions	05	162697	3.593	1.248	0.438	0.936	71.860
	Linear Functions	05	162697	3.526	1.336	0.530	0.916	70.520
	Linear Equations and Inequalities	05	162697	3.392	1.355	0.534	0.925	67.840
	Quadratic and Other Nonlinear Functions	04	162697	2.929	1.122	0.549	0.753	73.225
	Geometric Relationships and Spatial Reasoning	04	162697	2.870	1.029	0.415	0.787	71.750
	Two- and Three-Dimensional Representations	04	162697	2.842	1.069	0.415	0.818	71.050
	Measurement and Similarity	06	162697	3.769	1.672	0.614	1.039	62.816
	Percents/Proportions/Probability/Statistics	05	162697	3.217	1.391	0.520	0.964	64.340
	Mathematical Processes and Tools	09	162697	5.897	2.120	0.650	1.254	65.522

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	177330	32.098	5.575	0.868	2.025	85.790
	Basic Understanding	09	177330	7.756	1.443	0.588	0.926	86.177
	Literary Elements and Techniques	15	177330	11.405	2.183	0.705	1.186	84.508
	Analysis and Evaluation	18	177330	12.936	2.679	0.779	1.259	86.783
Mathematics	COMPLETE SUBTEST	52	173225	34.577	11.197	0.929	2.984	66.494
	Functional Relationships	05	173225	3.207	1.384	0.520	0.959	64.140
	Properties and Attributes of Functions	05	173225	3.442	1.343	0.509	0.941	68.840
	Linear Functions	05	173225	3.422	1.424	0.586	0.916	68.440
	Linear Equations and Inequalities	05	173225	3.335	1.457	0.600	0.921	66.700
	Quadratic and Other Nonlinear Functions	04	173225	2.846	1.187	0.594	0.756	71.150
	Geometric Relationships and Spatial Reasoning	04	173225	2.844	1.060	0.449	0.787	71.100
	Two- and Three-Dimensional Representations	04	173225	2.889	1.076	0.442	0.804	72.225
	Measurement and Similarity	06	173225	3.629	1.732	0.632	1.051	60.483
	Percents/Proportions/Probability/Statistics	05	173225	3.193	1.414	0.533	0.966	63.860
	Mathematical Processes and Tools	09	173225	5.772	2.252	0.690	1.254	64.133

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	050770	31.524	5.541	0.857	2.095	84.342
	Basic Understanding	09	050770	7.665	1.459	0.566	0.961	85.166
	Literary Elements and Techniques	15	050770	11.190	2.189	0.681	1.236	82.791
	Analysis and Evaluation	18	050770	12.669	2.680	0.763	1.305	85.275
Mathematics	COMPLETE SUBTEST	52	049242	30.644	10.633	0.911	3.172	58.930
	Functional Relationships	05	049242	2.882	1.375	0.454	1.016	57.640
	Properties and Attributes of Functions	05	049242	3.202	1.324	0.431	0.999	64.040
	Linear Functions	05	049242	3.090	1.429	0.537	0.972	61.800
	Linear Equations and Inequalities	05	049242	2.928	1.435	0.535	0.979	58.560
	Quadratic and Other Nonlinear Functions	04	049242	2.626	1.209	0.554	0.807	65.650
	Geometric Relationships and Spatial Reasoning	04	049242	2.539	1.133	0.436	0.851	63.475
	Two- and Three-Dimensional Representations	04	049242	2.444	1.128	0.372	0.894	61.100
	Measurement and Similarity	06	049242	3.137	1.689	0.581	1.093	52.283
	Percents/Proportions/Probability/Statistics	05	049242	2.717	1.408	0.479	1.016	54.340
	Mathematical Processes and Tools	09	049242	5.077	2.138	0.615	1.327	56.411

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value
Reading	COMPLETE SUBTEST	42	011553	34.687	3.961	0.809	1.731	91.545
	Basic Understanding	09	011553	8.270	1.069	0.505	0.752	91.888
	Literary Elements and Techniques	15	011553	12.275	1.724	0.640	1.034	89.925
	Analysis and Evaluation	18	011553	14.142	1.873	0.669	1.078	92.900
Mathematics	COMPLETE SUBTEST	52	011571	43.174	8.508	0.920	2.406	83.026
	Functional Relationships	05	011571	4.057	1.116	0.503	0.787	81.140
	Properties and Attributes of Functions	05	011571	4.264	1.005	0.474	0.729	85.280
	Linear Functions	05	011571	4.215	1.061	0.519	0.736	84.300
	Linear Equations and Inequalities	05	011571	4.155	1.074	0.511	0.751	83.100
	Quadratic and Other Nonlinear Functions	04	011571	3.581	0.784	0.536	0.534	89.525
	Geometric Relationships and Spatial Reasoning	04	011571	3.392	0.829	0.388	0.649	84.800
	Two- and Three-Dimensional Representations	04	011571	3.422	0.854	0.457	0.629	85.550
	Measurement and Similarity	06	011571	4.805	1.421	0.647	0.844	80.083
	Percents/Proportions/Probability/Statistics	05	011571	3.971	1.170	0.523	0.808	79.420
	Mathematical Processes and Tools	09	011571	7.311	1.810	0.677	1.029	81.233

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	156748	31.617	5.550	0.856	2.106	84.490
	Basic Understanding	09	156748	7.693	1.461	0.576	0.951	85.477
	Literary Elements and Techniques	15	156748	11.164	2.200	0.679	1.246	82.500
	Analysis and Evaluation	18	156748	12.760	2.673	0.761	1.307	85.750
Mathematics	COMPLETE SUBTEST	52	152904	32.798	10.623	0.915	3.097	63.073
	Functional Relationships	05	152904	3.027	1.356	0.458	0.998	60.540
	Properties and Attributes of Functions	05	152904	3.349	1.323	0.462	0.970	66.980
	Linear Functions	05	152904	3.286	1.404	0.547	0.945	65.720
	Linear Equations and Inequalities	05	152904	3.132	1.424	0.546	0.959	62.640
	Quadratic and Other Nonlinear Functions	04	152904	2.683	1.189	0.553	0.795	67.075
	Geometric Relationships and Spatial Reasoning	04	152904	2.723	1.056	0.410	0.811	68.075
	Two- and Three-Dimensional Representations	04	152904	2.754	1.074	0.394	0.836	68.850
	Measurement and Similarity	06	152904	3.409	1.698	0.598	1.077	56.816
	Percents/Proportions/Probability/Statistics	05	152904	2.999	1.394	0.484	1.001	59.980
	Mathematical Processes and Tools	09	152904	5.436	2.171	0.643	1.297	60.400

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	001205	33.215	4.759	0.842	1.892	88.348
	Basic Understanding	09	001205	7.940	1.227	0.493	0.874	88.222
	Literary Elements and Techniques	15	001205	11.802	2.009	0.686	1.126	86.858
	Analysis and Evaluation	18	001205	13.473	2.268	0.735	1.168	89.933
Mathematics	COMPLETE SUBTEST	52	001158	35.818	10.450	0.919	2.974	68.880
	Functional Relationships	05	001158	3.388	1.291	0.452	0.956	67.760
	Properties and Attributes of Functions	05	001158	3.584	1.266	0.460	0.930	71.680
	Linear Functions	05	001158	3.523	1.363	0.547	0.917	70.460
	Linear Equations and Inequalities	05	001158	3.477	1.374	0.553	0.919	69.540
	Quadratic and Other Nonlinear Functions	04	001158	2.977	1.127	0.581	0.730	74.425
	Geometric Relationships and Spatial Reasoning	04	001158	2.914	1.023	0.417	0.781	72.850
	Two- and Three-Dimensional Representations	04	001158	2.929	1.055	0.419	0.804	73.225
	Measurement and Similarity	06	001158	3.757	1.681	0.610	1.050	62.616
	Percents/Proportions/Probability/Statistics	05	001158	3.215	1.404	0.533	0.959	64.300
	Mathematical Processes and Tools	09	001158	6.054	2.124	0.658	1.242	67.266

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	122924	34.226	4.055	0.811	1.763	90.884
	Basic Understanding	09	122924	8.136	1.101	0.463	0.807	90.400
	Literary Elements and Techniques	15	122924	12.200	1.697	0.623	1.042	89.575
	Analysis and Evaluation	18	122924	13.890	1.986	0.701	1.086	92.558
Mathematics	COMPLETE SUBTEST	52	120968	38.633	9.699	0.916	2.811	74.294
	Functional Relationships	05	120968	3.624	1.254	0.484	0.901	72.480
	Properties and Attributes of Functions	05	120968	3.782	1.207	0.459	0.888	75.640
	Linear Functions	05	120968	3.792	1.266	0.535	0.863	75.840
	Linear Equations and Inequalities	05	120968	3.755	1.273	0.537	0.866	75.100
	Quadratic and Other Nonlinear Functions	04	120968	3.182	1.025	0.542	0.694	79.550
	Geometric Relationships and Spatial Reasoning	04	120968	3.103	0.934	0.377	0.737	77.575
	Two- and Three-Dimensional Representations	04	120968	3.125	0.977	0.410	0.750	78.125
	Measurement and Similarity	06	120968	4.182	1.568	0.591	1.003	69.700
	Percents/Proportions/Probability/Statistics	05	120968	3.590	1.301	0.511	0.910	71.800
	Mathematical Processes and Tools	09	120968	6.498	2.014	0.652	1.188	72.200

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) Total Group

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	296255	57.199	8.408	0.899	2.672	89.395	
	Basic Understanding	08	296255	7.488	1.004	0.628	0.612	93.600	
	Literary Elements and Techniques	11	296255	8.394	1.595	0.660	0.930	86.937	
	Analysis and Evaluation	18	296255	13.583	2.071	0.712	1.111	91.333	
	Revising and Editing	20	296255	17.507	2.982	0.806	1.313	87.535	
Mathematics	COMPLETE SUBTEST	56	293402	37.266	11.551	0.930	3.056	66.546	
	Functional Relationships	05	293402	3.564	1.285	0.510	0.899	71.280	
	Properties and Attributes of Functions	05	293402	3.197	1.397	0.528	0.960	63.940	
	Linear Functions	05	293402	3.466	1.356	0.572	0.887	69.320	
	Linear Equations and Inequalities	05	293402	3.350	1.429	0.588	0.917	67.000	
	Quadratic and Other Nonlinear Functions	05	293402	3.228	1.312	0.505	0.923	64.560	
	Geometric Relationships and Spatial Reasoning	05	293402	3.241	1.362	0.513	0.950	64.820	
	Two- and Three-Dimensional Representations	05	293402	3.868	1.136	0.490	0.811	77.360	
	Measurement and Similarity	07	293402	4.144	1.930	0.667	1.114	59.200	
	Percents/Proportions/Probability/Statistics	05	293402	3.246	1.444	0.632	0.876	64.920	
	Mathematical Processes and Tools	09	293402	5.961	2.123	0.661	1.236	66.233	
	Social Studies	COMPLETE SUBTEST	50	292046	39.813	7.825	0.894	2.548	79.626
		Issues and Events in U.S. History	07	292046	5.036	1.579	0.531	1.081	71.942
Geographic Influences on History		12	292046	10.057	2.029	0.670	1.166	83.808	
Economic and Social Influences on History		07	292046	6.009	1.189	0.486	0.852	85.842	
Political Influences on History		12	292046	8.694	2.461	0.697	1.355	72.450	
Science	Critical-Thinking Skills	12	292046	10.017	2.120	0.700	1.161	83.475	
	COMPLETE SUBTEST	55	291812	38.179	10.126	0.909	3.055	69.416	
	Nature of Science	17	291812	12.725	3.204	0.751	1.599	74.852	
	Organization of Living Systems	11	291812	7.519	2.423	0.680	1.371	68.354	
	Interdependence of Organisms and the Environment	11	291812	7.333	2.563	0.700	1.404	66.663	
	Structures and Properties of Matter	08	291812	4.877	1.998	0.608	1.251	60.962	
Motion, Forces, and Energy	08	291812	5.726	1.751	0.561	1.160	71.575		

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	147500	58.322	7.450	0.877	2.613	90.645	
	Basic Understanding	08	147500	7.566	0.873	0.561	0.578	94.575	
	Literary Elements and Techniques	11	147500	8.551	1.453	0.614	0.903	88.300	
	Analysis and Evaluation	18	147500	13.798	1.836	0.652	1.083	92.308	
	Revising and Editing	20	147500	17.804	2.640	0.771	1.263	89.020	
Mathematics	COMPLETE SUBTEST	56	146302	37.311	11.257	0.926	3.062	66.626	
	Functional Relationships	05	146302	3.640	1.227	0.477	0.887	72.800	
	Properties and Attributes of Functions	05	146302	3.238	1.378	0.518	0.957	64.760	
	Linear Functions	05	146302	3.501	1.342	0.565	0.885	70.020	
	Linear Equations and Inequalities	05	146302	3.422	1.383	0.566	0.911	68.440	
	Quadratic and Other Nonlinear Functions	05	146302	3.275	1.281	0.484	0.920	65.500	
	Geometric Relationships and Spatial Reasoning	05	146302	3.229	1.353	0.501	0.956	64.580	
	Two- and Three-Dimensional Representations	05	146302	3.832	1.151	0.495	0.818	76.640	
	Measurement and Similarity	07	146302	4.074	1.887	0.649	1.118	58.200	
	Percents/Proportions/Probability/Statistics	05	146302	3.205	1.438	0.625	0.881	64.100	
	Mathematical Processes and Tools	09	146302	5.896	2.105	0.653	1.240	65.511	
	Social Studies	COMPLETE SUBTEST	50	145445	39.262	7.594	0.884	2.586	78.524
		Issues and Events in U.S. History	07	145445	4.935	1.553	0.495	1.104	70.500
Geographic Influences on History		12	145445	9.867	2.010	0.639	1.208	82.225	
Economic and Social Influences on History		07	145445	5.939	1.145	0.449	0.850	84.842	
Political Influences on History		12	145445	8.632	2.411	0.680	1.364	71.933	
Critical-Thinking Skills		12	145445	9.889	2.115	0.686	1.185	82.408	
Science	COMPLETE SUBTEST	55	145304	37.341	9.826	0.900	3.107	67.892	
	Nature of Science	17	145304	12.469	3.057	0.719	1.620	73.347	
	Organization of Living Systems	11	145304	7.421	2.391	0.668	1.378	67.463	
	Interdependence of Organisms and the Environment	11	145304	7.058	2.565	0.689	1.430	64.163	
	Structures and Properties of Matter	08	145304	4.810	1.980	0.594	1.262	60.125	
	Motion, Forces, and Energy	08	145304	5.583	1.725	0.527	1.186	69.787	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) Male Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	148643	56.089	9.122	0.911	2.721	88.160	
	Basic Understanding	08	148643	7.410	1.113	0.664	0.645	92.625	
	Literary Elements and Techniques	11	148643	8.239	1.709	0.687	0.956	85.600	
	Analysis and Evaluation	18	148643	13.370	2.259	0.745	1.141	90.375	
	Revising and Editing	20	148643	17.214	3.258	0.826	1.359	86.070	
Mathematics	COMPLETE SUBTEST	56	146924	37.232	11.832	0.933	3.063	66.485	
	Functional Relationships	05	146924	3.489	1.336	0.538	0.908	69.780	
	Properties and Attributes of Functions	05	146924	3.158	1.414	0.537	0.962	63.160	
	Linear Functions	05	146924	3.432	1.370	0.580	0.888	68.640	
	Linear Equations and Inequalities	05	146924	3.280	1.470	0.608	0.920	65.600	
	Quadratic and Other Nonlinear Functions	05	146924	3.183	1.339	0.523	0.925	63.660	
	Geometric Relationships and Spatial Reasoning	05	146924	3.253	1.370	0.525	0.944	65.060	
	Two- and Three-Dimensional Representations	05	146924	3.904	1.119	0.486	0.802	78.080	
	Measurement and Similarity	07	146924	4.216	1.968	0.683	1.108	60.228	
	Percents/Proportions/Probability/Statistics	05	146924	3.289	1.448	0.638	0.871	65.780	
	Mathematical Processes and Tools	09	146924	6.027	2.137	0.669	1.229	66.966	
	Social Studies	COMPLETE SUBTEST	50	146444	40.365	8.008	0.903	2.494	80.730
		Issues and Events in U.S. History	07	146444	5.138	1.597	0.563	1.056	73.400
Geographic Influences on History		12	146444	10.247	2.030	0.697	1.117	85.391	
Economic and Social Influences on History		07	146444	6.079	1.226	0.529	0.841	86.842	
Political Influences on History		12	146444	8.757	2.508	0.715	1.339	72.975	
Science	Critical-Thinking Skills	12	146444	10.144	2.118	0.712	1.137	84.533	
	COMPLETE SUBTEST	55	146341	39.019	10.344	0.915	3.016	70.943	
	Nature of Science	17	146341	12.982	3.322	0.778	1.565	76.364	
	Organization of Living Systems	11	146341	7.617	2.449	0.693	1.357	69.245	
	Interdependence of Organisms and the Environment	11	146341	7.607	2.531	0.706	1.372	69.154	
	Structures and Properties of Matter	08	146341	4.943	2.013	0.620	1.241	61.787	
Motion, Forces, and Energy	08	146341	5.870	1.765	0.588	1.133	73.375		

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) African American Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	042947	55.199	9.032	0.903	2.813	86.912	
	Basic Understanding	08	042947	7.318	1.136	0.630	0.691	91.475	
	Literary Elements and Techniques	11	042947	8.058	1.741	0.665	1.008	83.525	
	Analysis and Evaluation	18	042947	13.176	2.346	0.743	1.189	89.166	
	Revising and Editing	20	042947	17.017	3.180	0.803	1.411	85.085	
Mathematics	COMPLETE SUBTEST	56	042127	32.474	11.119	0.915	3.242	57.989	
	Functional Relationships	05	042127	3.263	1.330	0.485	0.954	65.260	
	Properties and Attributes of Functions	05	042127	2.811	1.368	0.453	1.012	56.220	
	Linear Functions	05	042127	3.055	1.377	0.522	0.952	61.100	
	Linear Equations and Inequalities	05	042127	2.951	1.439	0.537	0.979	59.020	
	Quadratic and Other Nonlinear Functions	05	042127	2.867	1.316	0.459	0.968	57.340	
	Geometric Relationships and Spatial Reasoning	05	042127	2.854	1.372	0.465	1.004	57.080	
	Two- and Three-Dimensional Representations	05	042127	3.455	1.230	0.482	0.885	69.100	
	Measurement and Similarity	07	042127	3.356	1.807	0.586	1.163	47.942	
	Percents/Proportions/Probability/Statistics	05	042127	2.724	1.445	0.593	0.922	54.480	
	Mathematical Processes and Tools	09	042127	5.139	2.101	0.606	1.319	57.100	
	Social Studies	COMPLETE SUBTEST	50	042011	37.273	8.319	0.890	2.759	74.546
		Issues and Events in U.S. History	07	042011	4.754	1.633	0.517	1.135	67.914
Geographic Influences on History		12	042011	9.252	2.257	0.656	1.324	77.100	
Economic and Social Influences on History		07	042011	5.710	1.308	0.486	0.938	81.571	
Political Influences on History		12	042011	8.193	2.512	0.683	1.414	68.275	
Critical-Thinking Skills		12	042011	9.365	2.311	0.684	1.299	78.041	
Science	COMPLETE SUBTEST	55	042003	34.109	9.860	0.890	3.270	62.016	
	Nature of Science	17	042003	11.384	3.225	0.707	1.746	66.964	
	Organization of Living Systems	11	042003	6.864	2.443	0.651	1.443	62.400	
	Interdependence of Organisms and the Environment	11	042003	6.475	2.535	0.655	1.489	58.863	
	Structures and Properties of Matter	08	042003	4.255	1.918	0.538	1.304	53.187	
	Motion, Forces, and Energy	08	042003	5.131	1.811	0.529	1.243	64.137	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	011171	60.945	6.712	0.866	2.457	93.491	
	Basic Understanding	08	011171	7.730	0.691	0.536	0.471	96.625	
	Literary Elements and Techniques	11	011171	8.842	1.303	0.600	0.824	91.150	
	Analysis and Evaluation	18	011171	14.068	1.616	0.600	1.022	93.650	
	Revising and Editing	20	011171	18.616	2.223	0.787	1.026	93.080	
Mathematics	COMPLETE SUBTEST	56	011241	45.972	9.702	0.933	2.511	82.092	
	Functional Relationships	05	011241	4.243	1.008	0.497	0.715	84.860	
	Properties and Attributes of Functions	05	011241	4.093	1.169	0.582	0.756	81.860	
	Linear Functions	05	011241	4.324	1.042	0.593	0.665	86.480	
	Linear Equations and Inequalities	05	011241	4.212	1.117	0.600	0.706	84.240	
	Quadratic and Other Nonlinear Functions	05	011241	3.999	1.155	0.547	0.777	79.980	
	Geometric Relationships and Spatial Reasoning	05	011241	4.018	1.150	0.531	0.788	80.360	
	Two- and Three-Dimensional Representations	05	011241	4.452	0.885	0.505	0.623	89.040	
	Measurement and Similarity	07	011241	5.388	1.688	0.678	0.958	76.971	
	Percents/Proportions/Probability/Statistics	05	011241	4.073	1.176	0.612	0.733	81.460	
	Mathematical Processes and Tools	09	011241	7.169	1.857	0.673	1.062	79.655	
	Social Studies	COMPLETE SUBTEST	50	011160	43.701	5.951	0.873	2.121	87.402
		Issues and Events in U.S. History	07	011160	5.640	1.346	0.513	0.939	80.571
Geographic Influences on History		12	011160	10.847	1.492	0.594	0.951	90.391	
Economic and Social Influences on History		07	011160	6.511	0.811	0.388	0.634	93.014	
Political Influences on History		12	011160	9.891	2.080	0.683	1.171	82.425	
Critical-Thinking Skills		12	011160	10.813	1.621	0.662	0.942	90.108	
Science	COMPLETE SUBTEST	55	011187	44.222	8.550	0.904	2.649	80.403	
	Nature of Science	17	011187	14.222	2.669	0.737	1.369	83.658	
	Organization of Living Systems	11	011187	8.920	2.046	0.676	1.165	81.090	
	Interdependence of Organisms and the Environment	11	011187	8.640	2.192	0.691	1.218	78.545	
	Structures and Properties of Matter	08	011187	6.006	1.789	0.619	1.104	75.075	
	Motion, Forces, and Energy	08	011187	6.435	1.480	0.521	1.024	80.437	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	126287	55.451	9.010	0.903	2.806	86.847	
	Basic Understanding	08	126287	7.345	1.127	0.634	0.682	91.812	
	Literary Elements and Techniques	11	126287	8.180	1.724	0.673	0.986	84.437	
	Analysis and Evaluation	18	126287	13.326	2.254	0.723	1.186	89.366	
	Revising and Editing	20	126287	16.863	3.261	0.805	1.440	84.315	
Mathematics	COMPLETE SUBTEST	56	124846	34.876	11.275	0.922	3.149	62.278	
	Functional Relationships	05	124846	3.423	1.311	0.506	0.921	68.460	
	Properties and Attributes of Functions	05	124846	2.959	1.381	0.483	0.993	59.180	
	Linear Functions	05	124846	3.268	1.356	0.541	0.919	65.360	
	Linear Equations and Inequalities	05	124846	3.124	1.451	0.566	0.956	62.480	
	Quadratic and Other Nonlinear Functions	05	124846	3.047	1.286	0.462	0.943	60.940	
	Geometric Relationships and Spatial Reasoning	05	124846	3.044	1.378	0.495	0.979	60.880	
	Two- and Three-Dimensional Representations	05	124846	3.714	1.155	0.468	0.842	74.280	
	Measurement and Similarity	07	124846	3.760	1.883	0.635	1.138	53.714	
	Percents/Proportions/Probability/Statistics	05	124846	2.990	1.442	0.606	0.905	59.800	
	Mathematical Processes and Tools	09	124846	5.547	2.113	0.634	1.278	61.633	
	Social Studies	COMPLETE SUBTEST	50	123814	37.889	8.064	0.888	2.699	75.778
		Issues and Events in U.S. History	07	123814	4.757	1.624	0.518	1.127	67.957
Geographic Influences on History		12	123814	9.657	2.119	0.651	1.252	80.475	
Economic and Social Influences on History		07	123814	5.802	1.259	0.487	0.902	82.885	
Political Influences on History		12	123814	8.181	2.514	0.683	1.415	68.175	
Critical-Thinking Skills		12	123814	9.492	2.232	0.683	1.257	79.100	
Science	COMPLETE SUBTEST	55	123828	35.210	9.965	0.897	3.198	64.018	
	Nature of Science	17	123828	11.945	3.223	0.728	1.681	70.264	
	Organization of Living Systems	11	123828	6.870	2.432	0.654	1.431	62.454	
	Interdependence of Organisms and the Environment	11	123828	6.682	2.572	0.675	1.466	60.745	
	Structures and Properties of Matter	08	123828	4.362	1.942	0.554	1.297	54.525	
	Motion, Forces, and Energy	08	123828	5.351	1.797	0.543	1.215	66.887	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	001097	58.135	7.397	0.876	2.605	91.054	
	Basic Understanding	08	001097	7.594	0.862	0.578	0.560	94.925	
	Literary Elements and Techniques	11	001097	8.531	1.439	0.603	0.907	88.462	
	Analysis and Evaluation	18	001097	13.741	1.828	0.668	1.053	92.675	
	Revising and Editing	20	001097	17.913	2.631	0.781	1.231	89.565	
Mathematics	COMPLETE SUBTEST	56	001086	38.414	10.835	0.921	3.045	68.596	
	Functional Relationships	05	001086	3.620	1.218	0.443	0.909	72.400	
	Properties and Attributes of Functions	05	001086	3.275	1.391	0.531	0.953	65.500	
	Linear Functions	05	001086	3.524	1.363	0.583	0.880	70.480	
	Linear Equations and Inequalities	05	001086	3.433	1.385	0.568	0.910	68.660	
	Quadratic and Other Nonlinear Functions	05	001086	3.321	1.263	0.457	0.931	66.420	
	Geometric Relationships and Spatial Reasoning	05	001086	3.325	1.300	0.469	0.947	66.500	
	Two- and Three-Dimensional Representations	05	001086	3.939	1.042	0.390	0.814	78.780	
	Measurement and Similarity	07	001086	4.377	1.850	0.637	1.115	62.528	
	Percents/Proportions/Probability/Statistics	05	001086	3.373	1.396	0.601	0.882	67.460	
	Mathematical Processes and Tools	09	001086	6.227	2.007	0.635	1.213	69.188	
	Social Studies	COMPLETE SUBTEST	50	001087	41.235	6.841	0.872	2.448	82.470
		Issues and Events in U.S. History	07	001087	5.159	1.510	0.510	1.057	73.700
Geographic Influences on History		12	001087	10.450	1.747	0.610	1.091	87.083	
Economic and Social Influences on History		07	001087	6.154	1.103	0.434	0.830	87.914	
Political Influences on History		12	001087	9.031	2.201	0.636	1.328	75.258	
Critical-Thinking Skills		12	001087	10.441	1.855	0.654	1.091	87.008	
Science	COMPLETE SUBTEST	55	001090	40.283	9.065	0.892	2.979	73.241	
	Nature of Science	17	001090	13.377	2.858	0.708	1.544	78.688	
	Organization of Living Systems	11	001090	7.968	2.203	0.632	1.336	72.436	
	Interdependence of Organisms and the Environment	11	001090	7.830	2.318	0.651	1.369	71.181	
	Structures and Properties of Matter	08	001090	5.140	1.887	0.566	1.243	64.250	
	Motion, Forces, and Energy	08	001090	5.968	1.616	0.508	1.134	74.600	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	114631	59.506	6.786	0.868	2.465	92.729	
	Basic Understanding	08	114631	7.684	0.767	0.577	0.499	96.050	
	Literary Elements and Techniques	11	114631	8.712	1.326	0.599	0.840	90.562	
	Analysis and Evaluation	18	114631	13.970	1.679	0.648	0.996	94.083	
	Revising and Editing	20	114631	18.291	2.371	0.772	1.132	91.455	
Mathematics	COMPLETE SUBTEST	56	113904	40.806	10.631	0.925	2.911	72.867	
	Functional Relationships	05	113904	3.764	1.207	0.486	0.865	75.280	
	Properties and Attributes of Functions	05	113904	3.513	1.337	0.530	0.917	70.260	
	Linear Functions	05	113904	3.753	1.278	0.568	0.840	75.060	
	Linear Equations and Inequalities	05	113904	3.661	1.326	0.574	0.865	73.220	
	Quadratic and Other Nonlinear Functions	05	113904	3.486	1.273	0.509	0.892	69.720	
	Geometric Relationships and Spatial Reasoning	05	113904	3.523	1.269	0.485	0.911	70.460	
	Two- and Three-Dimensional Representations	05	113904	4.132	1.007	0.442	0.752	82.640	
	Measurement and Similarity	07	113904	4.734	1.812	0.648	1.075	67.628	
	Percents/Proportions/Probability/Statistics	05	113904	3.640	1.328	0.605	0.835	72.800	
	Mathematical Processes and Tools	09	113904	6.599	1.924	0.632	1.167	73.322	
	Social Studies	COMPLETE SUBTEST	50	113791	42.459	6.467	0.874	2.296	84.918
		Issues and Events in U.S. History	07	113791	5.386	1.437	0.504	1.012	76.942
Geographic Influences on History		12	113791	10.711	1.624	0.616	1.006	89.258	
Economic and Social Influences on History		07	113791	6.296	1.001	0.416	0.765	89.942	
Political Influences on History		12	113791	9.320	2.223	0.673	1.271	77.666	
Critical-Thinking Skills		12	113791	10.747	1.670	0.645	0.995	89.558	
Science	COMPLETE SUBTEST	55	113513	42.325	8.625	0.891	2.848	76.954	
	Nature of Science	17	113513	13.923	2.722	0.715	1.453	81.900	
	Organization of Living Systems	11	113513	8.330	2.116	0.631	1.285	75.727	
	Interdependence of Organisms and the Environment	11	113513	8.229	2.246	0.661	1.308	74.809	
	Structures and Properties of Matter	08	113513	5.557	1.846	0.584	1.191	69.462	
	Motion, Forces, and Energy	08	113513	6.286	1.499	0.489	1.072	78.575	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	265882	57.694	8.349	0.893	2.731	87.989	
	Basic Understanding	08	265882	7.151	1.120	0.484	0.805	89.387	
	Literary Elements and Techniques	11	265882	8.478	1.581	0.597	1.004	84.112	
	Analysis and Evaluation	18	265882	13.189	2.430	0.703	1.324	85.675	
	Revising and Editing	20	265882	18.074	2.605	0.788	1.199	90.370	
Mathematics	COMPLETE SUBTEST	60	261644	43.928	11.481	0.932	2.994	73.213	
	Functional Relationships	05	261644	3.870	1.184	0.548	0.796	77.400	
	Properties and Attributes of Functions	05	261644	3.720	1.336	0.587	0.859	74.400	
	Linear Functions	05	261644	3.731	1.311	0.575	0.855	74.620	
	Linear Equations and Inequalities	05	261644	3.994	1.117	0.468	0.815	79.880	
	Quadratic and Other Nonlinear Functions	05	261644	3.787	1.277	0.572	0.835	75.740	
	Geometric Relationships and Spatial Reasoning	07	261644	4.798	1.769	0.655	1.039	68.542	
	Two- and Three-Dimensional Representations	07	261644	5.338	1.443	0.543	0.975	76.257	
	Measurement and Similarity	07	261644	4.880	1.789	0.633	1.084	69.714	
	Percents/Proportions/Probability/Statistics	05	261644	3.616	1.316	0.573	0.860	72.320	
	Mathematical Processes and Tools	09	261644	6.195	2.015	0.633	1.221	68.833	
	Social Studies	COMPLETE SUBTEST	55	263438	45.906	7.979	0.900	2.523	83.465
		Issues and Events in U.S. History	13	263438	10.034	2.564	0.722	1.352	77.184
Geographic Influences on History		09	263438	7.640	1.552	0.587	0.997	84.888	
Economic and Social Influences on History		13	263438	11.017	2.062	0.663	1.197	84.746	
Political Influences on History		09	263438	7.599	1.599	0.608	1.001	84.433	
Science	Critical-Thinking Skills	11	263438	9.616	1.684	0.618	1.041	87.418	
	COMPLETE SUBTEST	55	262301	39.781	9.246	0.899	2.938	72.329	
	Nature of Science	17	262301	12.610	3.285	0.756	1.623	74.176	
	Organization of Living Systems	08	262301	5.466	1.754	0.576	1.142	68.325	
	Interdependence of Organisms and the Environment	08	262301	6.318	1.581	0.573	1.033	78.975	
	Structures and Properties of Matter	11	262301	7.665	2.287	0.663	1.328	69.681	
Motion, Forces, and Energy	11	262301	7.723	2.114	0.588	1.357	70.209		

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) Female Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	133598	58.459	7.958	0.886	2.687	88.716	
	Basic Understanding	08	133598	7.189	1.098	0.482	0.790	89.862	
	Literary Elements and Techniques	11	133598	8.510	1.549	0.581	1.003	84.162	
	Analysis and Evaluation	18	133598	13.297	2.388	0.695	1.319	86.000	
	Revising and Editing	20	133598	18.341	2.356	0.769	1.132	91.705	
Mathematics	COMPLETE SUBTEST	60	131502	43.560	11.363	0.930	3.006	72.600	
	Functional Relationships	05	131502	3.860	1.158	0.525	0.798	77.200	
	Properties and Attributes of Functions	05	131502	3.716	1.314	0.571	0.861	74.320	
	Linear Functions	05	131502	3.773	1.304	0.580	0.845	75.460	
	Linear Equations and Inequalities	05	131502	3.990	1.099	0.450	0.815	79.800	
	Quadratic and Other Nonlinear Functions	05	131502	3.790	1.270	0.564	0.839	75.800	
	Geometric Relationships and Spatial Reasoning	07	131502	4.758	1.748	0.647	1.039	67.971	
	Two- and Three-Dimensional Representations	07	131502	5.241	1.457	0.544	0.984	74.871	
	Measurement and Similarity	07	131502	4.803	1.809	0.633	1.096	68.614	
	Percents/Proportions/Probability/Statistics	05	131502	3.532	1.334	0.576	0.869	70.640	
	Mathematical Processes and Tools	09	131502	6.097	1.995	0.618	1.233	67.744	
	Social Studies	COMPLETE SUBTEST	55	132078	44.880	8.066	0.894	2.626	81.600
		Issues and Events in U.S. History	13	132078	9.690	2.600	0.706	1.410	74.538
Geographic Influences on History		09	132078	7.433	1.607	0.573	1.050	82.588	
Economic and Social Influences on History		13	132078	10.819	2.100	0.652	1.239	83.223	
Political Influences on History		09	132078	7.507	1.614	0.597	1.025	83.411	
Critical-Thinking Skills		11	132078	9.430	1.735	0.610	1.084	85.727	
Science	COMPLETE SUBTEST	55	131638	38.946	9.139	0.894	2.975	70.810	
	Nature of Science	17	131638	12.400	3.260	0.745	1.646	72.941	
	Organization of Living Systems	08	131638	5.372	1.733	0.560	1.150	67.150	
	Interdependence of Organisms and the Environment	08	131638	6.159	1.615	0.563	1.068	76.987	
	Structures and Properties of Matter	11	131638	7.543	2.271	0.652	1.340	68.572	
	Motion, Forces, and Energy	11	131638	7.472	2.102	0.570	1.378	67.927	

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	132212	56.923	8.657	0.897	2.778	87.256	
	Basic Understanding	08	132212	7.113	1.140	0.485	0.818	88.912	
	Literary Elements and Techniques	11	132212	8.447	1.612	0.612	1.004	84.050	
	Analysis and Evaluation	18	132212	13.081	2.466	0.710	1.328	85.350	
	Revising and Editing	20	132212	17.803	2.809	0.798	1.262	89.015	
Mathematics	COMPLETE SUBTEST	60	130049	44.306	11.585	0.934	2.976	73.843	
	Functional Relationships	05	130049	3.880	1.211	0.571	0.793	77.600	
	Properties and Attributes of Functions	05	130049	3.724	1.358	0.605	0.853	74.480	
	Linear Functions	05	130049	3.688	1.317	0.571	0.863	73.760	
	Linear Equations and Inequalities	05	130049	3.998	1.134	0.485	0.814	79.960	
	Quadratic and Other Nonlinear Functions	05	130049	3.785	1.284	0.581	0.831	75.700	
	Geometric Relationships and Spatial Reasoning	07	130049	4.839	1.788	0.664	1.036	69.128	
	Two- and Three-Dimensional Representations	07	130049	5.436	1.421	0.540	0.964	77.657	
	Measurement and Similarity	07	130049	4.959	1.764	0.630	1.073	70.842	
	Percents/Proportions/Probability/Statistics	05	130049	3.702	1.292	0.567	0.850	74.040	
	Mathematical Processes and Tools	09	130049	6.295	2.030	0.646	1.208	69.944	
	Social Studies	COMPLETE SUBTEST	55	131269	46.941	7.751	0.903	2.414	85.347
		Issues and Events in U.S. History	13	131269	10.382	2.479	0.729	1.291	79.861
Geographic Influences on History		09	131269	7.848	1.466	0.590	0.939	87.200	
Economic and Social Influences on History		13	131269	11.216	2.004	0.670	1.151	86.276	
Political Influences on History		09	131269	7.692	1.578	0.615	0.979	85.466	
Critical-Thinking Skills		11	131269	9.803	1.610	0.622	0.990	89.118	
Science	COMPLETE SUBTEST	55	130573	40.626	9.274	0.903	2.888	73.865	
	Nature of Science	17	130573	12.822	3.296	0.766	1.594	75.423	
	Organization of Living Systems	08	130573	5.560	1.769	0.590	1.133	69.500	
	Interdependence of Organisms and the Environment	08	130573	6.479	1.529	0.575	0.997	80.987	
	Structures and Properties of Matter	11	130573	7.789	2.296	0.674	1.311	70.809	
	Motion, Forces, and Energy	11	130573	7.976	2.095	0.596	1.332	72.509	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) African American Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	036864	55.375	8.806	0.890	2.921	85.050	
	Basic Understanding	08	036864	7.001	1.186	0.470	0.863	87.512	
	Literary Elements and Techniques	11	036864	8.077	1.725	0.600	1.091	80.000	
	Analysis and Evaluation	18	036864	12.580	2.631	0.713	1.409	82.066	
	Revising and Editing	20	036864	17.574	2.887	0.788	1.329	87.870	
Mathematics	COMPLETE SUBTEST	60	036039	38.989	11.749	0.924	3.239	64.981	
	Functional Relationships	05	036039	3.571	1.250	0.523	0.863	71.420	
	Properties and Attributes of Functions	05	036039	3.301	1.405	0.550	0.943	66.020	
	Linear Functions	05	036039	3.369	1.398	0.562	0.925	67.380	
	Linear Equations and Inequalities	05	036039	3.684	1.211	0.456	0.893	73.680	
	Quadratic and Other Nonlinear Functions	05	036039	3.465	1.361	0.551	0.912	69.300	
	Geometric Relationships and Spatial Reasoning	07	036039	4.182	1.769	0.608	1.108	59.742	
	Two- and Three-Dimensional Representations	07	036039	4.662	1.589	0.535	1.084	66.600	
	Measurement and Similarity	07	036039	4.139	1.824	0.582	1.179	59.128	
	Percents/Proportions/Probability/Statistics	05	036039	3.167	1.379	0.553	0.922	63.340	
	Mathematical Processes and Tools	09	036039	5.450	2.070	0.604	1.303	60.555	
	Social Studies	COMPLETE SUBTEST	55	036343	43.311	8.364	0.889	2.787	78.747
		Issues and Events in U.S. History	13	036343	9.307	2.624	0.686	1.470	71.592
Geographic Influences on History		09	036343	7.163	1.684	0.567	1.108	79.588	
Economic and Social Influences on History		13	036343	10.534	2.185	0.643	1.306	81.030	
Political Influences on History		09	036343	7.314	1.668	0.580	1.081	81.266	
Critical-Thinking Skills		11	036343	8.993	1.907	0.601	1.205	81.754	
Science	COMPLETE SUBTEST	55	036203	36.302	9.300	0.887	3.126	66.003	
	Nature of Science	17	036203	11.416	3.358	0.728	1.751	67.152	
	Organization of Living Systems	08	036203	4.989	1.808	0.563	1.195	62.362	
	Interdependence of Organisms and the Environment	08	036203	5.882	1.698	0.558	1.129	73.525	
	Structures and Properties of Matter	11	036203	7.015	2.292	0.630	1.394	63.772	
	Motion, Forces, and Energy	11	036203	7.000	2.123	0.542	1.437	63.636	

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	010587	60.690	7.717	0.891	2.548	91.504	
	Basic Understanding	08	010587	7.384	0.994	0.504	0.700	92.300	
	Literary Elements and Techniques	11	010587	8.881	1.391	0.591	0.890	88.512	
	Analysis and Evaluation	18	010587	13.897	2.155	0.692	1.196	89.666	
	Revising and Editing	20	010587	18.697	2.223	0.796	1.004	93.485	
Mathematics	COMPLETE SUBTEST	60	010552	51.059	9.131	0.930	2.416	85.098	
	Functional Relationships	05	010552	4.454	0.912	0.556	0.608	89.080	
	Properties and Attributes of Functions	05	010552	4.410	0.977	0.578	0.635	88.200	
	Linear Functions	05	010552	4.363	0.989	0.550	0.663	87.260	
	Linear Equations and Inequalities	05	010552	4.445	0.866	0.450	0.642	88.900	
	Quadratic and Other Nonlinear Functions	05	010552	4.439	0.932	0.557	0.620	88.780	
	Geometric Relationships and Spatial Reasoning	07	010552	5.737	1.469	0.653	0.865	81.957	
	Two- and Three-Dimensional Representations	07	010552	5.868	1.230	0.517	0.855	83.828	
	Measurement and Similarity	07	010552	5.812	1.460	0.632	0.886	83.028	
	Percents/Proportions/Probability/Statistics	05	010552	4.267	1.057	0.573	0.691	85.340	
	Mathematical Processes and Tools	09	010552	7.263	1.742	0.641	1.044	80.700	
	Social Studies	COMPLETE SUBTEST	55	010559	49.105	6.656	0.901	2.094	89.281
		Issues and Events in U.S. History	13	010559	11.170	2.109	0.714	1.128	85.923
Geographic Influences on History		09	010559	8.105	1.280	0.580	0.830	90.055	
Economic and Social Influences on History		13	010559	11.588	1.805	0.677	1.026	89.138	
Political Influences on History		09	010559	8.118	1.328	0.624	0.814	90.200	
Critical-Thinking Skills		11	010559	10.124	1.377	0.631	0.836	92.036	
Science	COMPLETE SUBTEST	55	010557	44.499	8.239	0.900	2.605	80.907	
	Nature of Science	17	010557	13.864	2.915	0.754	1.446	81.552	
	Organization of Living Systems	08	010557	6.350	1.601	0.608	1.002	79.375	
	Interdependence of Organisms and the Environment	08	010557	6.767	1.375	0.559	0.913	84.587	
	Structures and Properties of Matter	11	010557	8.817	2.016	0.667	1.163	80.154	
	Motion, Forces, and Energy	11	010557	8.701	1.919	0.598	1.217	79.100	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	109167	55.740	9.084	0.901	2.858	85.256	
	Basic Understanding	08	109167	6.951	1.262	0.517	0.877	86.887	
	Literary Elements and Techniques	11	109167	8.214	1.720	0.612	1.071	81.050	
	Analysis and Evaluation	18	109167	12.772	2.639	0.719	1.399	82.650	
	Revising and Editing	20	109167	17.571	2.913	0.794	1.322	87.855	
Mathematics	COMPLETE SUBTEST	60	107203	41.512	11.581	0.927	3.129	69.186	
	Functional Relationships	05	107203	3.629	1.229	0.524	0.848	72.580	
	Properties and Attributes of Functions	05	107203	3.493	1.382	0.567	0.909	69.860	
	Linear Functions	05	107203	3.571	1.362	0.578	0.885	71.420	
	Linear Equations and Inequalities	05	107203	3.835	1.163	0.460	0.855	76.700	
	Quadratic and Other Nonlinear Functions	05	107203	3.569	1.336	0.559	0.887	71.380	
	Geometric Relationships and Spatial Reasoning	07	107203	4.420	1.785	0.629	1.087	63.142	
	Two- and Three-Dimensional Representations	07	107203	5.185	1.460	0.531	1.000	74.071	
	Measurement and Similarity	07	107203	4.566	1.811	0.609	1.132	65.228	
	Percents/Proportions/Probability/Statistics	05	107203	3.402	1.347	0.560	0.893	68.040	
	Mathematical Processes and Tools	09	107203	5.841	2.018	0.607	1.265	64.900	
	Social Studies	COMPLETE SUBTEST	55	107707	43.912	8.473	0.897	2.719	79.840
		Issues and Events in U.S. History	13	107707	9.448	2.657	0.706	1.441	72.676
Geographic Influences on History		09	107707	7.323	1.675	0.586	1.078	81.366	
Economic and Social Influences on History		13	107707	10.556	2.241	0.668	1.291	81.200	
Political Influences on History		09	107707	7.295	1.720	0.606	1.080	81.055	
Critical-Thinking Skills		11	107707	9.289	1.801	0.607	1.129	84.445	
Science	COMPLETE SUBTEST	55	107338	37.059	9.258	0.889	3.084	67.380	
	Nature of Science	17	107338	11.702	3.385	0.743	1.716	68.835	
	Organization of Living Systems	08	107338	5.073	1.730	0.536	1.178	63.412	
	Interdependence of Organisms and the Environment	08	107338	5.940	1.665	0.554	1.112	74.250	
	Structures and Properties of Matter	11	107338	7.115	2.309	0.643	1.380	64.681	
	Motion, Forces, and Energy	11	107338	7.229	2.110	0.555	1.408	65.718	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	000954	58.805	7.011	0.861	2.614	89.733	
	Basic Understanding	08	000954	7.247	0.958	0.346	0.775	90.587	
	Literary Elements and Techniques	11	000954	8.695	1.316	0.466	0.962	86.962	
	Analysis and Evaluation	18	000954	13.414	2.170	0.655	1.275	87.616	
	Revising and Editing	20	000954	18.354	2.200	0.733	1.137	91.770	
Mathematics	COMPLETE SUBTEST	60	000949	44.481	11.070	0.928	2.970	74.135	
	Functional Relationships	05	000949	3.935	1.130	0.510	0.791	78.700	
	Properties and Attributes of Functions	05	000949	3.736	1.349	0.602	0.851	74.720	
	Linear Functions	05	000949	3.702	1.284	0.539	0.872	74.040	
	Linear Equations and Inequalities	05	000949	4.051	1.059	0.416	0.809	81.020	
	Quadratic and Other Nonlinear Functions	05	000949	3.831	1.266	0.585	0.816	76.620	
	Geometric Relationships and Spatial Reasoning	07	000949	4.913	1.775	0.673	1.015	70.185	
	Two- and Three-Dimensional Representations	07	000949	5.464	1.352	0.496	0.960	78.057	
	Measurement and Similarity	07	000949	4.973	1.696	0.590	1.086	71.042	
	Percents/Proportions/Probability/Statistics	05	000949	3.621	1.274	0.528	0.875	72.420	
	Mathematical Processes and Tools	09	000949	6.257	1.932	0.604	1.216	69.522	
	Social Studies	COMPLETE SUBTEST	55	000952	47.125	7.110	0.886	2.401	85.681
		Issues and Events in U.S. History	13	000952	10.284	2.433	0.708	1.315	79.107
Geographic Influences on History		09	000952	7.871	1.400	0.555	0.934	87.455	
Economic and Social Influences on History		13	000952	11.353	1.828	0.623	1.122	87.330	
Political Influences on History		09	000952	7.732	1.495	0.582	0.967	85.911	
Critical-Thinking Skills		11	000952	9.886	1.483	0.577	0.965	89.872	
Science	COMPLETE SUBTEST	55	000943	41.090	8.533	0.887	2.868	74.709	
	Nature of Science	17	000943	13.130	2.991	0.727	1.563	77.235	
	Organization of Living Systems	08	000943	5.606	1.705	0.560	1.131	70.075	
	Interdependence of Organisms and the Environment	08	000943	6.573	1.410	0.512	0.985	82.162	
	Structures and Properties of Matter	11	000943	7.818	2.192	0.638	1.319	71.072	
	Motion, Forces, and Energy	11	000943	7.964	2.066	0.584	1.333	72.400	

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	108184	60.158	6.524	0.851	2.518	91.395	
	Basic Understanding	08	108184	7.382	0.885	0.358	0.709	92.275	
	Literary Elements and Techniques	11	108184	8.842	1.288	0.507	0.904	88.150	
	Analysis and Evaluation	18	108184	13.748	1.987	0.628	1.212	89.558	
	Revising and Editing	20	108184	18.689	1.993	0.736	1.024	93.445	
Mathematics	COMPLETE SUBTEST	60	106770	47.323	10.075	0.923	2.796	78.871	
	Functional Relationships	05	106770	4.155	1.045	0.520	0.724	83.100	
	Properties and Attributes of Functions	05	106770	4.021	1.195	0.564	0.789	80.420	
	Linear Functions	05	106770	3.952	1.191	0.536	0.811	79.040	
	Linear Equations and Inequalities	05	106770	4.213	0.995	0.426	0.754	84.260	
	Quadratic and Other Nonlinear Functions	05	106770	4.051	1.133	0.537	0.771	81.020	
	Geometric Relationships and Spatial Reasoning	07	106770	5.294	1.599	0.629	0.974	75.628	
	Two- and Three-Dimensional Representations	07	106770	5.667	1.274	0.481	0.918	80.957	
	Measurement and Similarity	07	106770	5.354	1.607	0.602	1.014	76.485	
	Percents/Proportions/Probability/Statistics	05	106770	3.919	1.186	0.531	0.812	78.380	
	Mathematical Processes and Tools	09	106770	6.697	1.842	0.606	1.156	74.411	
	Social Studies	COMPLETE SUBTEST	55	107744	48.457	6.449	0.879	2.243	88.103
		Issues and Events in U.S. History	13	107744	10.754	2.242	0.699	1.230	82.723
Geographic Influences on History		09	107744	8.071	1.250	0.515	0.871	89.677	
Economic and Social Influences on History		13	107744	11.582	1.663	0.592	1.062	89.092	
Political Influences on History		09	107744	7.948	1.374	0.568	0.903	88.311	
Critical-Thinking Skills		11	107744	10.102	1.326	0.549	0.890	91.836	
Science	COMPLETE SUBTEST	55	107128	43.217	7.821	0.877	2.743	78.576	
	Nature of Science	17	107128	13.797	2.705	0.699	1.484	81.158	
	Organization of Living Systems	08	107128	5.933	1.618	0.544	1.093	74.162	
	Interdependence of Organisms and the Environment	08	107128	6.800	1.304	0.502	0.920	85.000	
	Structures and Properties of Matter	11	107128	8.322	2.056	0.623	1.262	75.654	
	Motion, Forces, and Energy	11	107128	8.365	1.901	0.545	1.282	76.045	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 Spanish TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	034943	28.348	5.958	0.864	2.197	78.744
	Basic Understanding	15	034943	11.528	2.835	0.735	1.459	76.853
	Applying Knowledge of Literary Elements	07	034943	5.966	1.184	0.480	0.854	85.228
	Using Strategies to Analyze	06	034943	4.849	1.180	0.438	0.885	80.816
	Applying Critical-Thinking Skills	08	034943	6.004	1.855	0.662	1.078	75.050
Mathematics	COMPLETE SUBTEST	40	026250	30.994	6.848	0.888	2.292	77.485
	Numbers, Operations, and Quantitative Reasoning	10	026250	7.868	2.020	0.693	1.119	78.680
	Patterns, Relationships, and Algebraic Reasoning	06	026250	4.891	1.230	0.517	0.855	81.516
	Geometry and Spatial Reasoning	06	026250	4.986	1.179	0.500	0.834	83.100
	Concepts and Uses of Measurement	06	026250	4.580	1.345	0.551	0.901	76.333
	Probability and Statistics	04	026250	3.300	0.837	0.354	0.673	82.500
	Mathematical Processes and Tools	08	026250	5.368	1.978	0.673	1.131	67.100

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 Spanish TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	017462	29.191	5.457	0.849	2.121	81.086
	Basic Understanding	15	017462	11.845	2.640	0.712	1.417	78.966
	Applying Knowledge of Literary Elements	07	017462	6.123	1.070	0.437	0.803	87.471
	Using Strategies to Analyze	06	017462	4.969	1.104	0.402	0.854	82.816
	Applying Critical-Thinking Skills	08	017462	6.254	1.742	0.645	1.038	78.175
Mathematics	COMPLETE SUBTEST	40	013068	30.849	6.781	0.885	2.300	77.122
	Numbers, Operations, and Quantitative Reasoning	10	013068	7.833	1.993	0.684	1.120	78.330
	Patterns, Relationships, and Algebraic Reasoning	06	013068	4.905	1.200	0.502	0.847	81.750
	Geometry and Spatial Reasoning	06	013068	4.874	1.203	0.501	0.850	81.233
	Concepts and Uses of Measurement	06	013068	4.512	1.358	0.546	0.915	75.200
	Probability and Statistics	04	013068	3.324	0.814	0.347	0.658	83.100
	Mathematical Processes and Tools	08	013068	5.401	1.972	0.673	1.128	67.512

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 Spanish TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	017474	27.507	6.307	0.870	2.274	76.408
	Basic Understanding	15	017474	11.212	2.983	0.746	1.503	74.746
	Applying Knowledge of Literary Elements	07	017474	5.810	1.269	0.495	0.902	83.000
	Using Strategies to Analyze	06	017474	4.730	1.239	0.457	0.913	78.833
	Applying Critical-Thinking Skills	08	017474	5.755	1.929	0.665	1.116	71.937
Mathematics	COMPLETE SUBTEST	40	013172	31.141	6.908	0.891	2.281	77.852
	Numbers, Operations, and Quantitative Reasoning	10	013172	7.904	2.045	0.704	1.113	79.040
	Patterns, Relationships, and Algebraic Reasoning	06	013172	4.876	1.258	0.531	0.862	81.266
	Geometry and Spatial Reasoning	06	013172	5.098	1.144	0.499	0.810	84.966
	Concepts and Uses of Measurement	06	013172	4.649	1.327	0.555	0.885	77.483
	Probability and Statistics	04	013172	3.277	0.858	0.361	0.686	81.925
	Mathematical Processes and Tools	08	013172	5.336	1.984	0.673	1.135	66.700

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 Spanish TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	018539	30.027	6.851	0.871	2.461	75.067
	Basic Understanding	15	018539	11.469	2.738	0.699	1.502	76.460
	Applying Knowledge of Literary Elements	08	018539	6.087	1.711	0.606	1.074	76.087
	Using Strategies to Analyze	07	018539	5.157	1.506	0.493	1.072	73.671
	Applying Critical-Thinking Skills	10	018539	7.313	2.088	0.651	1.234	73.130
Mathematics	COMPLETE SUBTEST	42	014238	32.025	7.587	0.897	2.435	76.250
	Numbers, Operations, and Quantitative Reasoning	11	014238	8.816	2.285	0.743	1.158	80.145
	Patterns, Relationships, and Algebraic Reasoning	07	014238	5.676	1.516	0.647	0.901	81.085
	Geometry and Spatial Reasoning	06	014238	4.368	1.323	0.465	0.968	72.800
	Concepts and Uses of Measurement	06	014238	4.492	1.404	0.556	0.936	74.866
	Probability and Statistics	04	014238	3.061	1.101	0.586	0.708	76.525
	Mathematical Processes and Tools	08	014238	5.612	1.920	0.641	1.150	70.150
Writing	COMPLETE SUBTEST	32	019818	26.143	4.213	0.822	1.777	85.135
	Appropriate Organization of Ideas	04	019818	3.498	0.799	0.437	0.600	87.450
	Correct and Effective Sentence Construction	08	019818	6.534	1.584	0.606	0.994	81.675
	Standard Usage and Appropriate Word Choice	08	019818	7.187	1.149	0.526	0.791	89.837
	Proofreading for Punctuation, Capitalization, and Spelling	08	019818	6.620	1.487	0.563	0.983	82.750

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 Spanish TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	009235	30.938	6.306	0.856	2.393	77.345
	Basic Understanding	15	009235	11.819	2.540	0.671	1.457	78.793
	Applying Knowledge of Literary Elements	08	009235	6.265	1.606	0.583	1.037	78.312
	Using Strategies to Analyze	07	009235	5.308	1.427	0.461	1.048	75.828
	Applying Critical-Thinking Skills	10	009235	7.546	1.946	0.620	1.200	75.460
Mathematics	COMPLETE SUBTEST	42	007036	31.903	7.443	0.892	2.446	75.959
	Numbers, Operations, and Quantitative Reasoning	11	007036	8.781	2.264	0.735	1.165	79.827
	Patterns, Relationships, and Algebraic Reasoning	07	007036	5.708	1.486	0.636	0.897	81.542
	Geometry and Spatial Reasoning	06	007036	4.322	1.313	0.454	0.970	72.033
	Concepts and Uses of Measurement	06	007036	4.417	1.422	0.557	0.946	73.616
	Probability and Statistics	04	007036	3.085	1.085	0.580	0.703	77.125
	Mathematical Processes and Tools	08	007036	5.591	1.901	0.630	1.156	69.887
Writing	COMPLETE SUBTEST	32	009864	26.953	3.671	0.793	1.670	87.632
	Appropriate Organization of Ideas	04	009864	3.581	0.716	0.378	0.565	89.525
	Correct and Effective Sentence Construction	08	009864	6.769	1.427	0.570	0.936	84.612
	Standard Usage and Appropriate Word Choice	08	009864	7.328	1.022	0.484	0.734	91.600
	Proofreading for Punctuation, Capitalization, and Spelling	08	009864	6.859	1.320	0.513	0.921	85.737

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 Spanish TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	009292	29.124	7.242	0.878	2.530	72.810
	Basic Understanding	15	009292	11.123	2.880	0.713	1.543	74.153
	Applying Knowledge of Literary Elements	08	009292	5.912	1.791	0.617	1.108	73.900
	Using Strategies to Analyze	07	009292	5.006	1.568	0.512	1.095	71.514
	Applying Critical-Thinking Skills	10	009292	7.083	2.197	0.670	1.262	70.830
Mathematics	COMPLETE SUBTEST	42	007192	32.152	7.721	0.902	2.417	76.552
	Numbers, Operations, and Quantitative Reasoning	11	007192	8.853	2.305	0.750	1.152	80.481
	Patterns, Relationships, and Algebraic Reasoning	07	007192	5.645	1.544	0.656	0.906	80.642
	Geometry and Spatial Reasoning	06	007192	4.415	1.331	0.477	0.963	73.583
	Concepts and Uses of Measurement	06	007192	4.567	1.382	0.554	0.923	76.116
	Probability and Statistics	04	007192	3.038	1.115	0.593	0.711	75.950
	Mathematical Processes and Tools	08	007192	5.635	1.937	0.652	1.143	70.437
	Writing	COMPLETE SUBTEST	32	009948	25.340	4.550	0.831	1.870
Appropriate Organization of Ideas	04	009948	3.415	0.865	0.463	0.634	85.375	
Correct and Effective Sentence Construction	08	009948	6.302	1.695	0.619	1.046	78.775	
Standard Usage and Appropriate Word Choice	08	009948	7.046	1.248	0.543	0.844	88.075	
Proofreading for Punctuation, Capitalization, and Spelling	08	009948	6.383	1.601	0.577	1.041	79.787	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 Spanish TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	007711	29.518	7.264	0.867	2.649	70.280
	Basic Understanding	13	007711	9.629	2.308	0.638	1.389	74.069
	Applying Knowledge of Literary Elements	08	007711	5.628	1.787	0.572	1.169	70.350
	Using Strategies to Analyze	08	007711	5.757	1.730	0.549	1.162	71.962
	Applying Critical-Thinking Skills	13	007711	8.503	2.738	0.681	1.546	65.407
Mathematics	COMPLETE SUBTEST	44	004603	27.421	9.486	0.914	2.782	62.320
	Numbers, Operations, and Quantitative Reasoning	11	004603	6.888	2.981	0.792	1.360	62.618
	Patterns, Relationships, and Algebraic Reasoning	07	004603	4.153	1.857	0.642	1.111	59.328
	Geometry and Spatial Reasoning	07	004603	5.021	1.643	0.584	1.060	71.728
	Concepts and Uses of Measurement	07	004603	4.308	1.933	0.681	1.092	61.542
	Probability and Statistics	04	004603	2.733	1.086	0.438	0.814	68.325
	Mathematical Processes and Tools	08	004603	4.318	2.007	0.622	1.234	53.975
	COMPLETE SUBTEST	40	003261	27.591	6.698	0.845	2.637	68.977
Science	Nature of Science	13	003261	9.573	2.423	0.660	1.413	73.638
	Life Sciences	09	003261	6.759	1.785	0.551	1.196	75.100
	Physical Sciences	09	003261	6.114	1.918	0.562	1.269	67.933
	Earth Sciences	09	003261	5.144	2.055	0.550	1.379	57.155

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 Spanish TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	003987	30.212	7.030	0.862	2.612	71.933
	Basic Understanding	13	003987	9.848	2.234	0.625	1.368	75.753
	Applying Knowledge of Literary Elements	08	003987	5.759	1.733	0.559	1.151	71.987
	Using Strategies to Analyze	08	003987	5.894	1.665	0.527	1.145	73.675
	Applying Critical-Thinking Skills	13	003987	8.711	2.693	0.680	1.523	67.007
Mathematics	COMPLETE SUBTEST	44	002353	27.356	9.330	0.912	2.768	62.172
	Numbers, Operations, and Quantitative Reasoning	11	002353	6.904	2.951	0.791	1.349	62.763
	Patterns, Relationships, and Algebraic Reasoning	07	002353	4.102	1.837	0.638	1.105	58.600
	Geometry and Spatial Reasoning	07	002353	5.013	1.649	0.587	1.060	71.614
	Concepts and Uses of Measurement	07	002353	4.286	1.907	0.674	1.089	61.228
	Probability and Statistics	04	002353	2.778	1.058	0.433	0.797	69.450
	Mathematical Processes and Tools	08	002353	4.274	1.984	0.614	1.233	53.425
Science	COMPLETE SUBTEST	40	001619	27.134	6.451	0.830	2.660	67.835
	Nature of Science	13	001619	9.473	2.381	0.649	1.411	72.869
	Life Sciences	09	001619	6.683	1.721	0.502	1.214	74.255
	Physical Sciences	09	001619	6.022	1.893	0.540	1.284	66.911
	Earth Sciences	09	001619	4.957	2.021	0.527	1.390	55.077

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 Spanish TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	003719	28.775	7.437	0.869	2.692	68.511
	Basic Understanding	13	003719	9.395	2.364	0.646	1.407	72.269
	Applying Knowledge of Literary Elements	08	003719	5.488	1.831	0.583	1.182	68.600
	Using Strategies to Analyze	08	003719	5.611	1.787	0.566	1.177	70.137
	Applying Critical-Thinking Skills	13	003719	8.281	2.768	0.679	1.568	63.700
Mathematics	COMPLETE SUBTEST	44	002242	27.506	9.640	0.917	2.777	62.513
	Numbers, Operations, and Quantitative Reasoning	11	002242	6.878	3.011	0.794	1.367	62.527
	Patterns, Relationships, and Algebraic Reasoning	07	002242	4.211	1.877	0.646	1.117	60.157
	Geometry and Spatial Reasoning	07	002242	5.030	1.638	0.584	1.056	71.857
	Concepts and Uses of Measurement	07	002242	4.332	1.959	0.688	1.094	61.885
	Probability and Statistics	04	002242	2.688	1.110	0.441	0.830	67.200
	Mathematical Processes and Tools	08	002242	4.367	2.028	0.630	1.234	54.587
Science	COMPLETE SUBTEST	40	001633	28.037	6.917	0.857	2.616	70.092
	Nature of Science	13	001633	9.667	2.465	0.672	1.412	74.361
	Life Sciences	09	001633	6.835	1.841	0.591	1.177	75.944
	Physical Sciences	09	001633	6.208	1.941	0.586	1.249	68.977
	Earth Sciences	09	001633	5.326	2.075	0.569	1.362	59.177

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 Spanish TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	000736	29.636	8.218	0.898	2.625	70.561
	Basic Understanding	13	000736	9.515	2.737	0.730	1.422	73.192
	Applying Knowledge of Literary Elements	08	000736	5.709	1.964	0.677	1.116	71.362
	Using Strategies to Analyze	08	000736	5.219	1.914	0.599	1.212	65.237
	Applying Critical-Thinking Skills	13	000736	9.193	2.811	0.728	1.466	70.715
Mathematics	COMPLETE SUBTEST	46	000620	30.368	8.975	0.901	2.824	66.017
	Numbers, Operations, and Quantitative Reasoning	10	000620	6.500	2.651	0.764	1.288	65.000
	Patterns, Relationships, and Algebraic Reasoning	09	000620	6.461	2.232	0.723	1.175	71.788
	Geometry and Spatial Reasoning	07	000620	4.124	1.552	0.465	1.135	58.914
	Concepts and Uses of Measurement	05	000620	3.192	1.251	0.405	0.965	63.840
	Probability and Statistics	06	000620	4.352	1.367	0.523	0.944	72.533
	Mathematical Processes and Tools	09	000620	5.739	2.218	0.672	1.270	63.766

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 Spanish TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	000364	30.709	7.844	0.894	2.554	73.116
	Basic Understanding	13	000364	9.799	2.617	0.720	1.385	75.376
	Applying Knowledge of Literary Elements	08	000364	5.956	1.845	0.653	1.087	74.450
	Using Strategies to Analyze	08	000364	5.484	1.837	0.588	1.179	68.550
	Applying Critical-Thinking Skills	13	000364	9.470	2.716	0.723	1.429	72.846
Mathematics	COMPLETE SUBTEST	46	000302	30.536	9.221	0.908	2.797	66.382
	Numbers, Operations, and Quantitative Reasoning	10	000302	6.586	2.710	0.781	1.268	65.860
	Patterns, Relationships, and Algebraic Reasoning	09	000302	6.523	2.276	0.745	1.149	72.477
	Geometry and Spatial Reasoning	07	000302	4.169	1.589	0.501	1.122	59.557
	Concepts and Uses of Measurement	05	000302	3.079	1.252	0.373	0.991	61.580
	Probability and Statistics	06	000302	4.397	1.398	0.561	0.926	73.283
	Mathematical Processes and Tools	09	000302	5.781	2.166	0.653	1.276	64.233

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 Spanish TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	000370	28.565	8.442	0.898	2.696	68.011
	Basic Understanding	13	000370	9.230	2.825	0.735	1.454	71.000
	Applying Knowledge of Literary Elements	08	000370	5.462	2.049	0.690	1.141	68.275
	Using Strategies to Analyze	08	000370	4.954	1.952	0.596	1.241	61.925
	Applying Critical-Thinking Skills	13	000370	8.919	2.880	0.729	1.499	68.607
Mathematics	COMPLETE SUBTEST	46	000316	30.149	8.741	0.895	2.832	65.541
	Numbers, Operations, and Quantitative Reasoning	10	000316	6.405	2.597	0.749	1.301	64.050
	Patterns, Relationships, and Algebraic Reasoning	09	000316	6.396	2.196	0.707	1.189	71.066
	Geometry and Spatial Reasoning	07	000316	4.073	1.518	0.434	1.142	58.185
	Concepts and Uses of Measurement	05	000316	3.288	1.238	0.431	0.934	65.760
	Probability and Statistics	06	000316	4.304	1.341	0.492	0.956	71.733
	Mathematical Processes and Tools	09	000316	5.684	2.269	0.692	1.259	63.155

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	156601	30.531	5.521	0.879	1.920	84.808
	Basic Understanding	15	156601	12.397	2.484	0.722	1.310	82.646
	Applying Knowledge of Literary Elements	07	156601	5.825	1.422	0.609	0.889	83.214
	Using Strategies to Analyze	06	156601	5.264	1.096	0.564	0.724	87.733
	Applying Critical-Thinking Skills	08	156601	7.045	1.375	0.646	0.818	88.062
Mathematics	COMPLETE SUBTEST	40	161053	32.764	6.504	0.889	2.167	81.910
	Numbers, Operations, and Quantitative Reasoning	10	161053	8.154	1.915	0.681	1.082	81.540
	Patterns, Relationships, and Algebraic Reasoning	06	161053	5.010	1.167	0.507	0.819	83.500
	Geometry and Spatial Reasoning	06	161053	5.300	1.024	0.497	0.726	88.333
	Concepts and Uses of Measurement	06	161053	4.962	1.280	0.578	0.832	82.700
	Probability and Statistics	04	161053	3.530	0.811	0.463	0.594	88.250
	Mathematical Processes and Tools	08	161053	5.808	1.904	0.656	1.117	72.600

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	159652	29.972	5.882	0.885	1.995	83.255
	Basic Understanding	15	159652	12.204	2.593	0.733	1.340	81.360
	Applying Knowledge of Literary Elements	07	159652	5.641	1.514	0.610	0.945	80.585
	Using Strategies to Analyze	06	159652	5.195	1.162	0.584	0.749	86.583
	Applying Critical-Thinking Skills	08	159652	6.933	1.473	0.661	0.858	86.662
Mathematics	COMPLETE SUBTEST	40	165006	32.922	6.589	0.892	2.165	82.305
	Numbers, Operations, and Quantitative Reasoning	10	165006	8.296	1.940	0.696	1.070	82.960
	Patterns, Relationships, and Algebraic Reasoning	06	165006	5.014	1.185	0.514	0.826	83.566
	Geometry and Spatial Reasoning	06	165006	5.318	1.020	0.492	0.727	88.633
	Concepts and Uses of Measurement	06	165006	5.022	1.246	0.567	0.820	83.700
	Probability and Statistics	04	165006	3.506	0.844	0.455	0.623	87.650
	Mathematical Processes and Tools	08	165006	5.766	1.925	0.662	1.119	72.075

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	047624	28.463	6.526	0.891	2.155	79.063
	Basic Understanding	15	047624	11.556	2.851	0.743	1.445	77.040
	Applying Knowledge of Literary Elements	07	047624	5.390	1.646	0.638	0.990	77.000
	Using Strategies to Analyze	06	047624	4.915	1.315	0.593	0.839	81.916
	Applying Critical-Thinking Skills	08	047624	6.602	1.646	0.673	0.941	82.525
Mathematics	COMPLETE SUBTEST	40	047676	30.242	7.512	0.898	2.399	75.605
	Numbers, Operations, and Quantitative Reasoning	10	047676	7.571	2.169	0.700	1.188	75.710
	Patterns, Relationships, and Algebraic Reasoning	06	047676	4.702	1.327	0.549	0.891	78.366
	Geometry and Spatial Reasoning	06	047676	4.959	1.239	0.534	0.846	82.650
	Concepts and Uses of Measurement	06	047676	4.507	1.517	0.620	0.935	75.116
	Probability and Statistics	04	047676	3.295	0.986	0.509	0.691	82.375
	Mathematical Processes and Tools	08	047676	5.206	1.993	0.637	1.201	65.075

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	012699	32.490	4.092	0.843	1.621	90.250
	Basic Understanding	15	012699	13.333	1.892	0.656	1.110	88.886
	Applying Knowledge of Literary Elements	07	012699	6.115	1.179	0.529	0.809	87.357
	Using Strategies to Analyze	06	012699	5.588	0.809	0.505	0.569	93.133
	Applying Critical-Thinking Skills	08	012699	7.453	1.008	0.578	0.655	93.162
Mathematics	COMPLETE SUBTEST	40	012751	36.555	4.177	0.844	1.650	91.387
	Numbers, Operations, and Quantitative Reasoning	10	012751	9.193	1.228	0.570	0.805	91.930
	Patterns, Relationships, and Algebraic Reasoning	06	012751	5.522	0.803	0.396	0.624	92.033
	Geometry and Spatial Reasoning	06	012751	5.672	0.677	0.385	0.531	94.533
	Concepts and Uses of Measurement	06	012751	5.498	0.851	0.439	0.637	91.633
	Probability and Statistics	04	012751	3.792	0.512	0.285	0.433	94.800
	Mathematical Processes and Tools	08	012751	6.879	1.459	0.634	0.883	85.987

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	137950	29.177	5.979	0.878	2.088	81.047
	Basic Understanding	15	137950	11.832	2.635	0.716	1.404	78.880
	Applying Knowledge of Literary Elements	07	137950	5.489	1.550	0.602	0.978	78.414
	Using Strategies to Analyze	06	137950	5.071	1.198	0.558	0.796	84.516
	Applying Critical-Thinking Skills	08	137950	6.785	1.530	0.654	0.900	84.812
Mathematics	COMPLETE SUBTEST	40	147039	31.948	6.676	0.885	2.264	79.870
	Numbers, Operations, and Quantitative Reasoning	10	147039	7.990	1.982	0.678	1.125	79.900
	Patterns, Relationships, and Algebraic Reasoning	06	147039	4.896	1.214	0.502	0.857	81.600
	Geometry and Spatial Reasoning	06	147039	5.268	1.042	0.488	0.746	87.800
	Concepts and Uses of Measurement	06	147039	4.885	1.300	0.566	0.856	81.416
	Probability and Statistics	04	147039	3.421	0.888	0.465	0.650	85.525
	Mathematical Processes and Tools	08	147039	5.488	1.940	0.635	1.172	68.600

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	001164	30.734	5.119	0.859	1.922	85.372
	Basic Understanding	15	001164	12.473	2.334	0.685	1.310	83.153
	Applying Knowledge of Literary Elements	07	001164	5.818	1.378	0.557	0.917	83.114
	Using Strategies to Analyze	06	001164	5.336	1.021	0.521	0.707	88.933
	Applying Critical-Thinking Skills	08	001164	7.107	1.275	0.596	0.810	88.837
Mathematics	COMPLETE SUBTEST	40	001195	33.026	6.303	0.881	2.174	82.565
	Numbers, Operations, and Quantitative Reasoning	10	001195	8.242	1.867	0.655	1.097	82.420
	Patterns, Relationships, and Algebraic Reasoning	06	001195	5.022	1.175	0.507	0.825	83.700
	Geometry and Spatial Reasoning	06	001195	5.337	0.965	0.426	0.731	88.950
	Concepts and Uses of Measurement	06	001195	5.050	1.217	0.545	0.821	84.166
	Probability and Statistics	04	001195	3.511	0.841	0.453	0.622	87.775
	Mathematical Processes and Tools	08	001195	5.864	1.882	0.657	1.102	73.300

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	116750	31.997	4.518	0.853	1.732	88.880
	Basic Understanding	15	116750	13.041	2.092	0.676	1.191	86.940
	Applying Knowledge of Literary Elements	07	116750	6.116	1.212	0.542	0.820	87.371
	Using Strategies to Analyze	06	116750	5.505	0.904	0.527	0.622	91.750
	Applying Critical-Thinking Skills	08	116750	7.335	1.121	0.581	0.726	91.687
Mathematics	COMPLETE SUBTEST	40	117299	34.621	5.440	0.867	1.984	86.552
	Numbers, Operations, and Quantitative Reasoning	10	117299	8.682	1.659	0.648	0.984	86.820
	Patterns, Relationships, and Algebraic Reasoning	06	117299	5.229	1.032	0.453	0.763	87.150
	Geometry and Spatial Reasoning	06	117299	5.463	0.877	0.423	0.666	91.050
	Concepts and Uses of Measurement	06	117299	5.269	1.036	0.476	0.750	87.816
	Probability and Statistics	04	117299	3.699	0.640	0.312	0.531	92.475
	Mathematical Processes and Tools	08	117299	6.279	1.723	0.643	1.029	78.487

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	318128	33.326	6.073	0.878	2.121	83.315
	Basic Understanding	15	318128	12.942	2.258	0.704	1.228	86.280
	Applying Knowledge of Literary Elements	08	318128	6.606	1.550	0.613	0.964	82.575
	Using Strategies to Analyze	07	318128	5.452	1.405	0.527	0.966	77.885
	Applying Critical-Thinking Skills	10	318128	8.326	1.872	0.678	1.062	83.260
Mathematics	COMPLETE SUBTEST	42	323665	34.961	6.881	0.902	2.154	83.240
	Numbers, Operations, and Quantitative Reasoning	11	323665	9.619	1.912	0.737	0.981	87.445
	Patterns, Relationships, and Algebraic Reasoning	07	323665	5.811	1.500	0.668	0.864	83.014
	Geometry and Spatial Reasoning	06	323665	4.908	1.165	0.457	0.858	81.800
	Concepts and Uses of Measurement	06	323665	4.965	1.192	0.503	0.840	82.750
	Probability and Statistics	04	323665	3.441	0.907	0.561	0.601	86.025
Writing	Mathematical Processes and Tools	08	323665	6.217	1.871	0.699	1.026	77.712
	COMPLETE SUBTEST	32	312385	26.837	4.135	0.843	1.638	87.553
	Appropriate Organization of Ideas	04	312385	3.576	0.760	0.473	0.552	89.400
	Correct and Effective Sentence Construction	08	312385	6.637	1.612	0.683	0.908	82.962
	Standard Usage and Appropriate Word Choice	08	312385	7.048	1.312	0.589	0.841	88.100
	Proofreading for Punctuation, Capitalization, and Spelling	08	312385	7.254	1.101	0.527	0.757	90.675

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	157924	33.876	5.696	0.870	2.054	84.690
	Basic Understanding	15	157924	13.113	2.117	0.688	1.182	87.420
	Applying Knowledge of Literary Elements	08	157924	6.732	1.476	0.602	0.931	84.150
	Using Strategies to Analyze	07	157924	5.543	1.367	0.518	0.949	79.185
	Applying Critical-Thinking Skills	10	157924	8.488	1.746	0.655	1.026	84.880
Mathematics	COMPLETE SUBTEST	42	160227	34.968	6.816	0.900	2.155	83.257
	Numbers, Operations, and Quantitative Reasoning	11	160227	9.643	1.879	0.732	0.973	87.663
	Patterns, Relationships, and Algebraic Reasoning	07	160227	5.839	1.476	0.665	0.854	83.414
	Geometry and Spatial Reasoning	06	160227	4.878	1.168	0.457	0.861	81.300
	Concepts and Uses of Measurement	06	160227	4.942	1.198	0.507	0.841	82.366
	Probability and Statistics	04	160227	3.449	0.904	0.567	0.595	86.225
	Mathematical Processes and Tools	08	160227	6.218	1.873	0.700	1.026	77.725
	Writing	COMPLETE SUBTEST	32	155648	27.393	3.756	0.828	1.558
Appropriate Organization of Ideas	04	155648	3.633	0.702	0.449	0.521	90.825	
Correct and Effective Sentence Construction	08	155648	6.778	1.496	0.656	0.877	84.725	
Standard Usage and Appropriate Word Choice	08	155648	7.159	1.222	0.570	0.801	89.487	
Proofreading for Punctuation, Capitalization, and Spelling	08	155648	7.388	0.979	0.489	0.700	92.350	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	159919	32.788	6.375	0.883	2.181	81.970
	Basic Understanding	15	159919	12.775	2.375	0.714	1.270	85.166
	Applying Knowledge of Literary Elements	08	159919	6.483	1.610	0.619	0.994	81.037
	Using Strategies to Analyze	07	159919	5.363	1.435	0.533	0.981	76.614
	Applying Critical-Thinking Skills	10	159919	8.167	1.975	0.693	1.094	81.670
Mathematics	COMPLETE SUBTEST	42	163150	34.961	6.938	0.903	2.161	83.240
	Numbers, Operations, and Quantitative Reasoning	11	163150	9.597	1.940	0.741	0.987	87.245
	Patterns, Relationships, and Algebraic Reasoning	07	163150	5.784	1.521	0.671	0.872	82.628
	Geometry and Spatial Reasoning	06	163150	4.939	1.161	0.459	0.854	82.316
	Concepts and Uses of Measurement	06	163150	4.990	1.185	0.498	0.840	83.166
	Probability and Statistics	04	163150	3.433	0.909	0.550	0.610	85.825
	Mathematical Processes and Tools	08	163150	6.218	1.869	0.698	1.027	77.725
	Writing	COMPLETE SUBTEST	32	156618	26.287	4.410	0.850	1.708
Appropriate Organization of Ideas	04	156618	3.519	0.809	0.487	0.579	87.975	
Correct and Effective Sentence Construction	08	156618	6.498	1.709	0.700	0.936	81.225	
Standard Usage and Appropriate Word Choice	08	156618	6.939	1.386	0.597	0.880	86.737	
	Proofreading for Punctuation, Capitalization, and Spelling	08	156618	7.121	1.195	0.541	0.810	89.012

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	045359	31.434	6.652	0.879	2.314	78.585
	Basic Understanding	15	045359	12.350	2.498	0.704	1.359	82.333
	Applying Knowledge of Literary Elements	08	045359	6.230	1.695	0.618	1.048	77.875
	Using Strategies to Analyze	07	045359	5.084	1.480	0.521	1.024	72.628
	Applying Critical-Thinking Skills	10	045359	7.771	2.080	0.683	1.171	77.710
Mathematics	COMPLETE SUBTEST	42	045424	32.413	7.769	0.904	2.407	77.173
	Numbers, Operations, and Quantitative Reasoning	11	045424	9.022	2.245	0.749	1.125	82.018
	Patterns, Relationships, and Algebraic Reasoning	07	045424	5.440	1.676	0.683	0.944	77.714
	Geometry and Spatial Reasoning	06	045424	4.513	1.279	0.445	0.953	75.216
	Concepts and Uses of Measurement	06	045424	4.566	1.354	0.520	0.938	76.100
	Probability and Statistics	04	045424	3.245	1.026	0.575	0.669	81.125
	Mathematical Processes and Tools	08	045424	5.626	2.032	0.692	1.128	70.325
Writing	COMPLETE SUBTEST	32	044821	25.760	4.580	0.848	1.786	84.189
	Appropriate Organization of Ideas	04	044821	3.418	0.868	0.474	0.630	85.450
	Correct and Effective Sentence Construction	08	044821	6.340	1.797	0.709	0.969	79.250
	Standard Usage and Appropriate Word Choice	08	044821	6.657	1.524	0.594	0.971	83.212
	Proofreading for Punctuation, Capitalization, and Spelling	08	044821	7.158	1.181	0.553	0.790	89.475

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	011954	36.133	4.541	0.859	1.705	90.332
	Basic Understanding	15	011954	13.864	1.685	0.681	0.952	92.426
	Applying Knowledge of Literary Elements	08	011954	7.108	1.176	0.518	0.816	88.850
	Using Strategies to Analyze	07	011954	6.052	1.174	0.519	0.814	86.457
	Applying Critical-Thinking Skills	10	011954	9.109	1.374	0.639	0.826	91.090
Mathematics	COMPLETE SUBTEST	42	012011	38.797	4.458	0.874	1.582	92.373
	Numbers, Operations, and Quantitative Reasoning	11	012011	10.452	1.148	0.662	0.667	95.018
	Patterns, Relationships, and Algebraic Reasoning	07	012011	6.485	0.966	0.579	0.627	92.642
	Geometry and Spatial Reasoning	06	012011	5.394	0.922	0.453	0.682	89.900
	Concepts and Uses of Measurement	06	012011	5.488	0.849	0.439	0.636	91.466
	Probability and Statistics	04	012011	3.742	0.628	0.508	0.440	93.550
	Mathematical Processes and Tools	08	012011	7.235	1.287	0.667	0.743	90.437
Writing	COMPLETE SUBTEST	32	011863	28.843	2.924	0.806	1.288	93.471
	Appropriate Organization of Ideas	04	011863	3.781	0.544	0.410	0.418	94.525
	Correct and Effective Sentence Construction	08	011863	7.261	1.172	0.622	0.721	90.762
	Standard Usage and Appropriate Word Choice	08	011863	7.458	0.965	0.527	0.664	93.225
	Proofreading for Punctuation, Capitalization, and Spelling	08	011863	7.671	0.694	0.409	0.534	95.887

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	144032	32.249	6.301	0.874	2.237	80.622
	Basic Understanding	15	144032	12.606	2.383	0.702	1.301	84.040
	Applying Knowledge of Literary Elements	08	144032	6.307	1.644	0.602	1.037	78.837
	Using Strategies to Analyze	07	144032	5.234	1.432	0.508	1.004	74.771
	Applying Critical-Thinking Skills	10	144032	8.103	1.940	0.671	1.113	81.030
Mathematics	COMPLETE SUBTEST	42	149071	34.153	7.089	0.899	2.253	81.316
	Numbers, Operations, and Quantitative Reasoning	11	149071	9.468	1.999	0.738	1.023	86.072
	Patterns, Relationships, and Algebraic Reasoning	07	149071	5.706	1.551	0.671	0.890	81.514
	Geometry and Spatial Reasoning	06	149071	4.790	1.195	0.444	0.891	79.833
	Concepts and Uses of Measurement	06	149071	4.892	1.218	0.498	0.863	81.533
	Probability and Statistics	04	149071	3.341	0.971	0.566	0.640	83.525
	Mathematical Processes and Tools	08	149071	5.956	1.926	0.685	1.081	74.450
	COMPLETE SUBTEST	32	141359	26.382	4.186	0.835	1.700	86.228
Writing	Appropriate Organization of Ideas	04	141359	3.505	0.803	0.459	0.591	87.625
	Correct and Effective Sentence Construction	08	141359	6.495	1.655	0.676	0.942	81.187
	Standard Usage and Appropriate Word Choice	08	141359	6.958	1.339	0.570	0.878	86.975
	Proofreading for Punctuation, Capitalization, and Spelling	08	141359	7.187	1.141	0.524	0.787	89.837

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	001163	33.787	5.835	0.873	2.079	84.467
	Basic Understanding	15	001163	13.064	2.204	0.702	1.203	87.093
	Applying Knowledge of Literary Elements	08	001163	6.781	1.422	0.574	0.928	84.762
	Using Strategies to Analyze	07	001163	5.533	1.327	0.471	0.965	79.042
	Applying Critical-Thinking Skills	10	001163	8.409	1.822	0.669	1.048	84.090
Mathematics	COMPLETE SUBTEST	42	001175	34.927	6.890	0.901	2.168	83.159
	Numbers, Operations, and Quantitative Reasoning	11	001175	9.553	1.909	0.721	1.008	86.845
	Patterns, Relationships, and Algebraic Reasoning	07	001175	5.704	1.536	0.657	0.900	81.485
	Geometry and Spatial Reasoning	06	001175	4.970	1.135	0.454	0.839	82.833
	Concepts and Uses of Measurement	06	001175	4.940	1.220	0.518	0.847	82.333
	Probability and Statistics	04	001175	3.477	0.887	0.560	0.588	86.925
	Mathematical Processes and Tools	08	001175	6.283	1.824	0.690	1.016	78.537
Writing	COMPLETE SUBTEST	32	001137	26.794	4.055	0.836	1.642	87.542
	Appropriate Organization of Ideas	04	001137	3.636	0.709	0.469	0.517	90.900
	Correct and Effective Sentence Construction	08	001137	6.619	1.578	0.657	0.924	82.737
	Standard Usage and Appropriate Word Choice	08	001137	7.064	1.293	0.582	0.836	88.300
	Proofreading for Punctuation, Capitalization, and Spelling	08	001137	7.193	1.094	0.480	0.789	89.912

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	115393	35.126	5.019	0.856	1.905	87.815
	Basic Understanding	15	115393	13.500	1.863	0.653	1.097	90.000
	Applying Knowledge of Literary Elements	08	115393	7.076	1.239	0.550	0.831	88.450
	Using Strategies to Analyze	07	115393	5.807	1.256	0.491	0.896	82.957
	Applying Critical-Thinking Skills	10	115393	8.743	1.613	0.641	0.966	87.430
Mathematics	COMPLETE SUBTEST	42	115763	36.614	5.796	0.884	1.974	87.176
	Numbers, Operations, and Quantitative Reasoning	11	115763	9.963	1.595	0.693	0.884	90.572
	Patterns, Relationships, and Algebraic Reasoning	07	115763	6.024	1.340	0.630	0.815	86.057
	Geometry and Spatial Reasoning	06	115763	5.166	1.020	0.408	0.785	86.100
	Concepts and Uses of Measurement	06	115763	5.165	1.054	0.446	0.785	86.083
	Probability and Statistics	04	115763	3.616	0.746	0.485	0.535	90.400
	Mathematical Processes and Tools	08	115763	6.681	1.621	0.670	0.931	83.512
	COMPLETE SUBTEST	32	113116	27.626	3.763	0.839	1.510	89.928
Writing	Appropriate Organization of Ideas	04	113116	3.704	0.645	0.468	0.470	92.600
	Correct and Effective Sentence Construction	08	113116	6.868	1.466	0.662	0.852	85.850
	Standard Usage and Appropriate Word Choice	08	113116	7.274	1.155	0.581	0.748	90.925
	Proofreading for Punctuation, Capitalization, and Spelling	08	113116	7.333	1.035	0.512	0.723	91.662
	COMPLETE SUBTEST	32	113116	27.626	3.763	0.839	1.510	89.928

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	323507	33.781	6.783	0.882	2.330	80.430
	Basic Understanding	13	323507	10.296	2.430	0.703	1.324	79.200
	Applying Knowledge of Literary Elements	08	323507	6.511	1.597	0.608	1.000	81.387
	Using Strategies to Analyze	08	323507	6.785	1.435	0.568	0.943	84.812
	Applying Critical-Thinking Skills	13	323507	10.188	2.384	0.684	1.340	78.369
Mathematics	COMPLETE SUBTEST	44	327009	36.354	7.224	0.902	2.261	82.622
	Numbers, Operations, and Quantitative Reasoning	11	327009	9.282	2.056	0.727	1.074	84.381
	Patterns, Relationships, and Algebraic Reasoning	07	327009	5.668	1.518	0.619	0.937	80.971
	Geometry and Spatial Reasoning	07	327009	6.129	1.176	0.532	0.805	87.557
	Concepts and Uses of Measurement	07	327009	5.565	1.561	0.641	0.935	79.500
	Probability and Statistics	04	327009	3.274	0.908	0.364	0.724	81.850
	Mathematical Processes and Tools	08	327009	6.437	1.673	0.647	0.994	80.462
Science	COMPLETE SUBTEST	40	323953	34.317	5.105	0.839	2.048	85.792
	Nature of Science	13	323953	11.696	1.664	0.612	1.036	89.969
	Life Sciences	09	323953	8.069	1.307	0.550	0.877	89.655
	Physical Sciences	09	323953	7.821	1.368	0.520	0.948	86.900
	Earth Sciences	09	323953	6.731	1.900	0.608	1.190	74.788

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	160281	34.277	6.527	0.878	2.280	81.611
	Basic Understanding	13	160281	10.451	2.358	0.698	1.296	80.392
	Applying Knowledge of Literary Elements	08	160281	6.605	1.550	0.606	0.973	82.562
	Using Strategies to Analyze	08	160281	6.866	1.375	0.554	0.918	85.825
	Applying Critical-Thinking Skills	13	160281	10.355	2.297	0.674	1.312	79.653
Mathematics	COMPLETE SUBTEST	44	161556	36.359	7.130	0.900	2.255	82.634
	Numbers, Operations, and Quantitative Reasoning	11	161556	9.333	2.019	0.724	1.061	84.845
	Patterns, Relationships, and Algebraic Reasoning	07	161556	5.669	1.509	0.614	0.938	80.985
	Geometry and Spatial Reasoning	07	161556	6.137	1.166	0.531	0.799	87.671
	Concepts and Uses of Measurement	07	161556	5.518	1.558	0.636	0.940	78.828
	Probability and Statistics	04	161556	3.276	0.890	0.340	0.723	81.900
	Mathematical Processes and Tools	08	161556	6.426	1.676	0.650	0.992	80.325
	Science	COMPLETE SUBTEST	40	160563	33.779	5.181	0.835	2.105
Nature of Science	13	160563	11.578	1.711	0.618	1.058	89.061	
Life Sciences	09	160563	8.007	1.322	0.548	0.889	88.966	
Physical Sciences	09	160563	7.752	1.382	0.513	0.964	86.133	
Earth Sciences	09	160563	6.442	1.956	0.599	1.239	71.577	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	163057	33.297	6.988	0.884	2.380	79.278
	Basic Understanding	13	163057	10.146	2.488	0.706	1.349	78.046
	Applying Knowledge of Literary Elements	08	163057	6.420	1.636	0.609	1.023	80.250
	Using Strategies to Analyze	08	163057	6.706	1.485	0.578	0.965	83.825
	Applying Critical-Thinking Skills	13	163057	10.026	2.456	0.691	1.365	77.123
Mathematics	COMPLETE SUBTEST	44	165268	36.356	7.308	0.904	2.264	82.627
	Numbers, Operations, and Quantitative Reasoning	11	165268	9.233	2.088	0.730	1.085	83.936
	Patterns, Relationships, and Algebraic Reasoning	07	165268	5.668	1.527	0.624	0.936	80.971
	Geometry and Spatial Reasoning	07	165268	6.123	1.185	0.534	0.809	87.471
	Concepts and Uses of Measurement	07	165268	5.611	1.562	0.645	0.931	80.157
	Probability and Statistics	04	165268	3.273	0.925	0.391	0.722	81.825
	Mathematical Processes and Tools	08	165268	6.448	1.670	0.644	0.996	80.600
	COMPLETE SUBTEST	40	163160	34.851	4.968	0.840	1.987	87.127
Science	Nature of Science	13	163160	11.813	1.606	0.601	1.014	90.869
	Life Sciences	09	163160	8.131	1.288	0.550	0.864	90.344
	Physical Sciences	09	163160	7.889	1.349	0.527	0.928	87.655
	Earth Sciences	09	163160	7.018	1.798	0.601	1.136	77.977

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	045285	32.250	7.075	0.878	2.471	76.785
	Basic Understanding	13	045285	9.837	2.516	0.694	1.392	75.669
	Applying Knowledge of Literary Elements	08	045285	6.201	1.686	0.594	1.074	77.512
	Using Strategies to Analyze	08	045285	6.500	1.561	0.574	1.019	81.250
	Applying Critical-Thinking Skills	13	045285	9.712	2.457	0.670	1.411	74.707
Mathematics	COMPLETE SUBTEST	44	045172	33.730	8.074	0.904	2.502	76.659
	Numbers, Operations, and Quantitative Reasoning	11	045172	8.711	2.327	0.740	1.187	79.190
	Patterns, Relationships, and Algebraic Reasoning	07	045172	5.287	1.664	0.624	1.020	75.528
	Geometry and Spatial Reasoning	07	045172	5.777	1.364	0.550	0.915	82.528
	Concepts and Uses of Measurement	07	045172	4.999	1.715	0.635	1.036	71.414
	Probability and Statistics	04	045172	3.032	1.014	0.382	0.797	75.800
	Mathematical Processes and Tools	08	045172	5.923	1.830	0.643	1.093	74.037
Science	COMPLETE SUBTEST	40	044578	32.545	5.554	0.834	2.263	81.362
	Nature of Science	13	044578	11.161	1.890	0.610	1.180	85.853
	Life Sciences	09	044578	7.828	1.443	0.553	0.965	86.977
	Physical Sciences	09	044578	7.461	1.511	0.512	1.056	82.900
	Earth Sciences	09	044578	6.095	1.985	0.580	1.286	67.722

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	011765	36.999	5.097	0.857	1.927	88.092
	Basic Understanding	13	011765	11.436	1.867	0.664	1.082	87.969
	Applying Knowledge of Literary Elements	08	011765	7.105	1.241	0.570	0.814	88.812
	Using Strategies to Analyze	08	011765	7.285	1.063	0.481	0.766	91.062
	Applying Critical-Thinking Skills	13	011765	11.174	1.885	0.637	1.136	85.953
Mathematics	COMPLETE SUBTEST	44	011850	40.416	4.830	0.881	1.666	91.854
	Numbers, Operations, and Quantitative Reasoning	11	011850	10.297	1.319	0.683	0.743	93.609
	Patterns, Relationships, and Algebraic Reasoning	07	011850	6.409	1.023	0.559	0.679	91.557
	Geometry and Spatial Reasoning	07	011850	6.577	0.819	0.487	0.587	93.957
	Concepts and Uses of Measurement	07	011850	6.332	1.088	0.585	0.701	90.457
	Probability and Statistics	04	011850	3.597	0.699	0.341	0.567	89.925
	Mathematical Processes and Tools	08	011850	7.203	1.197	0.589	0.767	90.037
Science	COMPLETE SUBTEST	40	011741	36.612	3.782	0.810	1.649	91.530
	Nature of Science	13	011741	12.310	1.147	0.540	0.778	94.692
	Life Sciences	09	011741	8.486	0.932	0.486	0.668	94.288
	Physical Sciences	09	011741	8.312	1.056	0.494	0.751	92.355
	Earth Sciences	09	011741	7.505	1.617	0.596	1.028	83.388

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	150959	32.229	7.026	0.875	2.484	76.735
	Basic Understanding	13	150959	9.814	2.544	0.695	1.405	75.492
	Applying Knowledge of Literary Elements	08	150959	6.186	1.670	0.587	1.073	77.325
	Using Strategies to Analyze	08	150959	6.582	1.513	0.562	1.001	82.275
	Applying Critical-Thinking Skills	13	150959	9.647	2.462	0.667	1.421	74.207
Mathematics	COMPLETE SUBTEST	44	154431	35.566	7.433	0.900	2.351	80.831
	Numbers, Operations, and Quantitative Reasoning	11	154431	9.117	2.133	0.729	1.110	82.881
	Patterns, Relationships, and Algebraic Reasoning	07	154431	5.508	1.583	0.619	0.977	78.685
	Geometry and Spatial Reasoning	07	154431	6.051	1.215	0.529	0.834	86.442
	Concepts and Uses of Measurement	07	154431	5.437	1.600	0.636	0.965	77.671
	Probability and Statistics	04	154431	3.218	0.934	0.364	0.745	80.450
	Mathematical Processes and Tools	08	154431	6.236	1.722	0.636	1.039	77.950
Science	COMPLETE SUBTEST	40	153222	33.356	5.396	0.838	2.172	83.390
	Nature of Science	13	153222	11.427	1.816	0.625	1.112	87.900
	Life Sciences	09	153222	7.865	1.438	0.572	0.941	87.388
	Physical Sciences	09	153222	7.627	1.446	0.522	1.000	84.744
	Earth Sciences	09	153222	6.436	1.923	0.580	1.246	71.511

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	001160	34.105	6.606	0.879	2.298	81.202
	Basic Understanding	13	001160	10.385	2.327	0.680	1.316	79.884
	Applying Knowledge of Literary Elements	08	001160	6.584	1.587	0.619	0.980	82.300
	Using Strategies to Analyze	08	001160	6.818	1.398	0.546	0.942	85.225
	Applying Critical-Thinking Skills	13	001160	10.317	2.325	0.679	1.317	79.361
Mathematics	COMPLETE SUBTEST	44	001167	36.013	7.337	0.902	2.297	81.847
	Numbers, Operations, and Quantitative Reasoning	11	001167	9.176	2.072	0.716	1.104	83.418
	Patterns, Relationships, and Algebraic Reasoning	07	001167	5.608	1.517	0.597	0.963	80.114
	Geometry and Spatial Reasoning	07	001167	6.082	1.209	0.544	0.816	86.885
	Concepts and Uses of Measurement	07	001167	5.512	1.574	0.630	0.957	78.742
	Probability and Statistics	04	001167	3.220	0.953	0.405	0.735	80.500
	Mathematical Processes and Tools	08	001167	6.416	1.693	0.654	0.996	80.200
Science	COMPLETE SUBTEST	40	001156	34.870	4.597	0.811	1.999	87.175
	Nature of Science	13	001156	11.891	1.455	0.532	0.995	91.469
	Life Sciences	09	001156	8.181	1.193	0.485	0.856	90.900
	Physical Sciences	09	001156	7.931	1.262	0.459	0.928	88.122
	Earth Sciences	09	001156	6.868	1.860	0.606	1.168	76.311

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	114234	36.106	5.609	0.862	2.084	85.966
	Basic Understanding	13	114234	10.999	2.053	0.659	1.199	84.607
	Applying Knowledge of Literary Elements	08	114234	7.002	1.329	0.574	0.867	87.525
	Using Strategies to Analyze	08	114234	7.114	1.215	0.522	0.840	88.925
	Applying Critical-Thinking Skills	13	114234	10.991	2.011	0.642	1.203	84.546
Mathematics	COMPLETE SUBTEST	44	114254	38.046	6.134	0.885	2.080	86.468
	Numbers, Operations, and Quantitative Reasoning	11	114254	9.627	1.781	0.685	1.000	87.518
	Patterns, Relationships, and Algebraic Reasoning	07	114254	5.960	1.320	0.572	0.864	85.142
	Geometry and Spatial Reasoning	07	114254	6.330	1.010	0.476	0.731	90.428
	Concepts and Uses of Measurement	07	114254	5.883	1.375	0.600	0.870	84.042
	Probability and Statistics	04	114254	3.414	0.809	0.306	0.674	85.350
	Mathematical Processes and Tools	08	114254	6.832	1.456	0.618	0.900	85.400
Science	COMPLETE SUBTEST	40	113090	36.080	3.888	0.785	1.803	90.200
	Nature of Science	13	113090	12.207	1.173	0.440	0.878	93.900
	Life Sciences	09	113090	8.398	0.979	0.393	0.763	93.311
	Physical Sciences	09	113090	8.174	1.112	0.434	0.837	90.822
	Earth Sciences	09	113090	7.301	1.674	0.585	1.078	81.122

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	323525	35.115	5.817	0.857	2.200	83.607
	Basic Understanding	13	323525	11.226	2.021	0.677	1.149	86.353
	Applying Knowledge of Literary Elements	08	323525	6.327	1.489	0.484	1.070	79.087
	Using Strategies to Analyze	08	323525	6.629	1.481	0.570	0.971	82.862
	Applying Critical-Thinking Skills	13	323525	10.933	1.923	0.609	1.202	84.100
Mathematics	COMPLETE SUBTEST	46	323730	35.543	8.366	0.908	2.538	77.267
	Numbers, Operations, and Quantitative Reasoning	10	323730	7.516	2.249	0.721	1.188	75.160
	Patterns, Relationships, and Algebraic Reasoning	09	323730	6.859	2.147	0.726	1.124	76.211
	Geometry and Spatial Reasoning	07	323730	5.678	1.420	0.543	0.960	81.114
	Concepts and Uses of Measurement	05	323730	3.687	1.249	0.485	0.896	73.740
	Probability and Statistics	06	323730	4.793	1.190	0.427	0.901	79.883
	Mathematical Processes and Tools	09	323730	7.010	1.960	0.703	1.068	77.888

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	160173	35.270	5.626	0.849	2.186	83.976
	Basic Understanding	13	160173	11.246	1.991	0.670	1.144	86.507
	Applying Knowledge of Literary Elements	08	160173	6.345	1.460	0.470	1.063	79.312
	Using Strategies to Analyze	08	160173	6.636	1.461	0.561	0.968	82.950
	Applying Critical-Thinking Skills	13	160173	11.043	1.835	0.584	1.184	84.946
Mathematics	COMPLETE SUBTEST	46	159986	35.733	8.159	0.905	2.515	77.680
	Numbers, Operations, and Quantitative Reasoning	10	159986	7.562	2.206	0.709	1.190	75.620
	Patterns, Relationships, and Algebraic Reasoning	09	159986	6.984	2.090	0.722	1.102	77.600
	Geometry and Spatial Reasoning	07	159986	5.679	1.404	0.539	0.953	81.128
	Concepts and Uses of Measurement	05	159986	3.626	1.280	0.504	0.901	72.520
	Probability and Statistics	06	159986	4.839	1.139	0.387	0.892	80.650
	Mathematical Processes and Tools	09	159986	7.043	1.908	0.696	1.052	78.255

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	163162	34.966	5.993	0.864	2.210	83.252
	Basic Understanding	13	163162	11.208	2.049	0.682	1.155	86.215
	Applying Knowledge of Literary Elements	08	163162	6.310	1.515	0.497	1.074	78.875
	Using Strategies to Analyze	08	163162	6.623	1.500	0.581	0.971	82.787
	Applying Critical-Thinking Skills	13	163162	10.826	1.999	0.629	1.218	83.276
Mathematics	COMPLETE SUBTEST	46	163560	35.362	8.557	0.911	2.553	76.873
	Numbers, Operations, and Quantitative Reasoning	10	163560	7.471	2.288	0.731	1.187	74.710
	Patterns, Relationships, and Algebraic Reasoning	09	163560	6.738	2.194	0.729	1.142	74.866
	Geometry and Spatial Reasoning	07	163560	5.678	1.435	0.547	0.966	81.114
	Concepts and Uses of Measurement	05	163560	3.748	1.215	0.463	0.890	74.960
	Probability and Statistics	06	163560	4.749	1.235	0.460	0.908	79.150
	Mathematical Processes and Tools	09	163560	6.978	2.009	0.711	1.080	77.533

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	044422	33.793	6.244	0.858	2.353	80.459
	Basic Understanding	13	044422	10.762	2.199	0.672	1.259	82.784
	Applying Knowledge of Literary Elements	08	044422	6.096	1.524	0.464	1.116	76.200
	Using Strategies to Analyze	08	044422	6.302	1.608	0.575	1.048	78.775
	Applying Critical-Thinking Skills	13	044422	10.633	2.076	0.625	1.271	81.792
Mathematics	COMPLETE SUBTEST	46	044301	32.474	8.898	0.905	2.743	70.595
	Numbers, Operations, and Quantitative Reasoning	10	044301	6.765	2.391	0.713	1.281	67.650
	Patterns, Relationships, and Algebraic Reasoning	09	044301	6.396	2.251	0.716	1.200	71.066
	Geometry and Spatial Reasoning	07	044301	5.219	1.542	0.523	1.065	74.557
	Concepts and Uses of Measurement	05	044301	3.245	1.367	0.500	0.967	64.900
	Probability and Statistics	06	044301	4.508	1.274	0.409	0.979	75.133
	Mathematical Processes and Tools	09	044301	6.340	2.127	0.703	1.159	70.444

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	011838	37.683	4.130	0.807	1.814	89.721
	Basic Understanding	13	011838	12.022	1.430	0.605	0.899	92.476
	Applying Knowledge of Literary Elements	08	011838	6.918	1.202	0.422	0.914	86.475
	Using Strategies to Analyze	08	011838	7.099	1.143	0.511	0.799	88.737
	Applying Critical-Thinking Skills	13	011838	11.645	1.389	0.472	1.009	89.576
Mathematics	COMPLETE SUBTEST	46	011896	41.126	5.674	0.888	1.899	89.404
	Numbers, Operations, and Quantitative Reasoning	10	011896	8.857	1.541	0.661	0.897	88.570
	Patterns, Relationships, and Algebraic Reasoning	09	011896	8.096	1.401	0.660	0.817	89.955
	Geometry and Spatial Reasoning	07	011896	6.420	0.976	0.502	0.689	91.714
	Concepts and Uses of Measurement	05	011896	4.293	0.927	0.384	0.728	85.860
	Probability and Statistics	06	011896	5.405	0.884	0.398	0.686	90.083
	Mathematical Processes and Tools	09	011896	8.054	1.401	0.665	0.811	89.488

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	150978	33.854	6.169	0.856	2.341	80.604
	Basic Understanding	13	150978	10.810	2.176	0.673	1.244	83.153
	Applying Knowledge of Literary Elements	08	150978	6.061	1.571	0.492	1.120	75.762
	Using Strategies to Analyze	08	150978	6.350	1.564	0.559	1.039	79.375
	Applying Critical-Thinking Skills	13	150978	10.632	2.039	0.614	1.267	81.784
Mathematics	COMPLETE SUBTEST	46	151432	34.195	8.488	0.903	2.644	74.336
	Numbers, Operations, and Quantitative Reasoning	10	151432	7.201	2.294	0.706	1.244	72.010
	Patterns, Relationships, and Algebraic Reasoning	09	151432	6.550	2.228	0.722	1.175	72.777
	Geometry and Spatial Reasoning	07	151432	5.469	1.467	0.525	1.011	78.128
	Concepts and Uses of Measurement	05	151432	3.588	1.271	0.472	0.924	71.760
	Probability and Statistics	06	151432	4.640	1.211	0.400	0.938	77.333
	Mathematical Processes and Tools	09	151432	6.746	2.013	0.694	1.114	74.955

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	001200	35.821	5.394	0.843	2.137	85.288
	Basic Understanding	13	001200	11.503	1.828	0.639	1.098	88.484
	Applying Knowledge of Literary Elements	08	001200	6.512	1.388	0.436	1.042	81.400
	Using Strategies to Analyze	08	001200	6.763	1.425	0.558	0.947	84.537
	Applying Critical-Thinking Skills	13	001200	11.043	1.835	0.587	1.179	84.946
Mathematics	COMPLETE SUBTEST	46	001201	35.829	8.183	0.905	2.522	77.889
	Numbers, Operations, and Quantitative Reasoning	10	001201	7.532	2.293	0.736	1.178	75.320
	Patterns, Relationships, and Algebraic Reasoning	09	001201	6.869	2.102	0.707	1.138	76.322
	Geometry and Spatial Reasoning	07	001201	5.772	1.355	0.509	0.949	82.457
	Concepts and Uses of Measurement	05	001201	3.717	1.241	0.489	0.887	74.340
	Probability and Statistics	06	001201	4.825	1.180	0.426	0.894	80.416
	Mathematical Processes and Tools	09	001201	7.114	1.892	0.682	1.067	79.044

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	114904	37.014	4.582	0.816	1.965	88.128
	Basic Understanding	13	114904	11.869	1.538	0.593	0.981	91.300
	Applying Knowledge of Literary Elements	08	114904	6.703	1.279	0.400	0.991	83.787
	Using Strategies to Analyze	08	114904	7.072	1.197	0.497	0.849	88.400
	Applying Critical-Thinking Skills	13	114904	11.371	1.627	0.543	1.100	87.469
Mathematics	COMPLETE SUBTEST	46	114725	37.933	7.254	0.897	2.328	82.463
	Numbers, Operations, and Quantitative Reasoning	10	114725	8.084	1.986	0.695	1.097	80.840
	Patterns, Relationships, and Algebraic Reasoning	09	114725	7.318	1.913	0.701	1.046	81.311
	Geometry and Spatial Reasoning	07	114725	6.054	1.212	0.498	0.859	86.485
	Concepts and Uses of Measurement	05	114725	3.927	1.122	0.430	0.847	78.540
	Probability and Statistics	06	114725	5.043	1.081	0.412	0.829	84.050
	Mathematical Processes and Tools	09	114725	7.508	1.694	0.662	0.985	83.422

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	319830	39.882	7.090	0.888	2.373	83.087
	Basic Understanding	12	319830	10.059	2.135	0.705	1.160	83.825
	Applying Knowledge of Literary Elements	10	319830	8.720	1.573	0.591	1.006	87.200
	Using Strategies to Analyze	10	319830	8.139	1.768	0.608	1.107	81.390
	Applying Critical-Thinking Skills	16	319830	12.965	2.678	0.710	1.442	81.031
Mathematics	COMPLETE SUBTEST	48	318922	34.927	9.101	0.908	2.760	72.764
	Numbers, Operations, and Quantitative Reasoning	10	318922	7.536	2.144	0.671	1.230	75.360
	Patterns, Relationships, and Algebraic Reasoning	10	318922	7.003	2.510	0.745	1.267	70.030
	Geometry and Spatial Reasoning	07	318922	5.338	1.509	0.537	1.027	76.257
	Concepts and Uses of Measurement	05	318922	3.360	1.358	0.568	0.893	67.200
	Probability and Statistics	07	318922	4.828	1.663	0.543	1.124	68.971
Writing	Mathematical Processes and Tools	09	318922	6.862	1.908	0.641	1.143	76.244
	COMPLETE SUBTEST	44	316168	36.341	5.978	0.875	2.114	84.615
	Appropriate Organization of Ideas	06	316168	5.084	1.162	0.535	0.792	84.733
	Correct and Effective Sentence Construction	10	316168	8.291	1.981	0.728	1.033	82.910
	Standard Usage and Appropriate Word Choice	12	316168	10.275	1.797	0.617	1.112	85.625
	Proofreading for Punctuation, Capitalization, and Spelling	12	316168	10.195	1.825	0.611	1.138	84.958

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	158208	40.634	6.587	0.878	2.301	84.654
	Basic Understanding	12	158208	10.231	2.027	0.694	1.121	85.258
	Applying Knowledge of Literary Elements	10	158208	8.867	1.460	0.569	0.958	88.670
	Using Strategies to Analyze	10	158208	8.298	1.672	0.584	1.078	82.980
	Applying Critical-Thinking Skills	16	158208	13.238	2.496	0.687	1.396	82.737
Mathematics	COMPLETE SUBTEST	48	157468	35.103	8.965	0.906	2.749	73.131
	Numbers, Operations, and Quantitative Reasoning	10	157468	7.566	2.134	0.668	1.230	75.660
	Patterns, Relationships, and Algebraic Reasoning	10	157468	6.968	2.510	0.744	1.270	69.680
	Geometry and Spatial Reasoning	07	157468	5.381	1.493	0.533	1.020	76.871
	Concepts and Uses of Measurement	05	157468	3.447	1.320	0.550	0.885	68.940
	Probability and Statistics	07	157468	4.880	1.643	0.537	1.118	69.714
Writing	Mathematical Processes and Tools	09	157468	6.861	1.884	0.632	1.143	76.233
	COMPLETE SUBTEST	44	156866	37.392	5.215	0.853	1.999	86.940
	Appropriate Organization of Ideas	06	156866	5.196	1.060	0.484	0.761	86.600
	Correct and Effective Sentence Construction	10	156866	8.574	1.765	0.693	0.978	85.740
	Standard Usage and Appropriate Word Choice	12	156866	10.515	1.607	0.570	1.054	87.625
	Proofreading for Punctuation, Capitalization, and Spelling	12	156866	10.491	1.588	0.550	1.065	87.425

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	161474	39.148	7.475	0.893	2.445	81.558
	Basic Understanding	12	161474	9.891	2.224	0.711	1.196	82.425
	Applying Knowledge of Literary Elements	10	161474	8.577	1.664	0.604	1.047	85.770
	Using Strategies to Analyze	10	161474	7.983	1.844	0.622	1.134	79.830
	Applying Critical-Thinking Skills	16	161474	12.697	2.819	0.723	1.484	79.356
Mathematics	COMPLETE SUBTEST	48	161307	34.761	9.226	0.911	2.752	72.418
	Numbers, Operations, and Quantitative Reasoning	10	161307	7.508	2.153	0.675	1.227	75.080
	Patterns, Relationships, and Algebraic Reasoning	10	161307	7.039	2.509	0.747	1.262	70.390
	Geometry and Spatial Reasoning	07	161307	5.297	1.523	0.541	1.032	75.671
	Concepts and Uses of Measurement	05	161307	3.275	1.388	0.579	0.901	65.500
	Probability and Statistics	07	161307	4.779	1.679	0.552	1.124	68.271
	Mathematical Processes and Tools	09	161307	6.864	1.932	0.649	1.145	76.266
Writing	COMPLETE SUBTEST	44	159239	35.307	6.478	0.883	2.216	82.327
	Appropriate Organization of Ideas	06	159239	4.974	1.245	0.562	0.824	82.900
	Correct and Effective Sentence Construction	10	159239	8.013	2.136	0.742	1.085	80.130
	Standard Usage and Appropriate Word Choice	12	159239	10.039	1.937	0.638	1.165	83.658
	Proofreading for Punctuation, Capitalization, and Spelling	12	159239	9.904	1.987	0.633	1.204	82.533

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	044301	38.386	7.557	0.888	2.529	79.970
	Basic Understanding	12	044301	9.633	2.312	0.708	1.249	80.275
	Applying Knowledge of Literary Elements	10	044301	8.521	1.671	0.589	1.071	85.210
	Using Strategies to Analyze	10	044301	7.765	1.869	0.600	1.182	77.650
	Applying Critical-Thinking Skills	16	044301	12.467	2.829	0.711	1.521	77.918
Mathematics	COMPLETE SUBTEST	48	043945	31.372	9.475	0.902	2.966	65.358
	Numbers, Operations, and Quantitative Reasoning	10	043945	6.751	2.298	0.663	1.334	67.510
	Patterns, Relationships, and Algebraic Reasoning	10	043945	6.188	2.579	0.723	1.357	61.880
	Geometry and Spatial Reasoning	07	043945	4.762	1.660	0.536	1.131	68.028
	Concepts and Uses of Measurement	05	043945	3.009	1.382	0.537	0.940	60.180
	Probability and Statistics	07	043945	4.409	1.694	0.514	1.181	62.985
	Mathematical Processes and Tools	09	043945	6.252	2.059	0.641	1.234	69.466
Writing	COMPLETE SUBTEST	44	043827	35.074	6.213	0.869	2.249	81.770
	Appropriate Organization of Ideas	06	043827	4.956	1.240	0.549	0.833	82.600
	Correct and Effective Sentence Construction	10	043827	7.929	2.118	0.724	1.113	79.290
	Standard Usage and Appropriate Word Choice	12	043827	9.852	1.891	0.591	1.209	82.100
	Proofreading for Punctuation, Capitalization, and Spelling	12	043827	9.970	1.904	0.607	1.194	83.083

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	011673	43.247	5.046	0.854	1.928	90.097
	Basic Understanding	12	011673	10.994	1.493	0.642	0.893	91.616
	Applying Knowledge of Literary Elements	10	011673	9.228	1.152	0.514	0.803	92.280
	Using Strategies to Analyze	10	011673	8.924	1.359	0.560	0.901	89.240
	Applying Critical-Thinking Skills	16	011673	14.100	1.991	0.628	1.214	88.125
Mathematics	COMPLETE SUBTEST	48	011709	41.556	6.576	0.894	2.141	86.575
	Numbers, Operations, and Quantitative Reasoning	10	011709	8.874	1.483	0.616	0.919	88.740
	Patterns, Relationships, and Algebraic Reasoning	10	011709	8.699	1.817	0.734	0.937	86.990
	Geometry and Spatial Reasoning	07	011709	6.116	1.112	0.462	0.816	87.371
	Concepts and Uses of Measurement	05	011709	4.225	1.029	0.529	0.706	84.500
	Probability and Statistics	07	011709	5.775	1.354	0.538	0.920	82.500
	Mathematical Processes and Tools	09	011709	7.867	1.408	0.585	0.907	87.411
Writing	COMPLETE SUBTEST	44	011625	39.681	4.179	0.843	1.656	91.975
	Appropriate Organization of Ideas	06	011625	5.480	0.838	0.415	0.641	91.333
	Correct and Effective Sentence Construction	10	011625	9.173	1.362	0.675	0.776	91.730
	Standard Usage and Appropriate Word Choice	12	011625	11.039	1.333	0.569	0.875	91.991
	Proofreading for Punctuation, Capitalization, and Spelling	12	011625	11.097	1.247	0.527	0.858	92.475

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	146692	38.461	7.526	0.888	2.519	80.127
	Basic Understanding	12	146692	9.756	2.264	0.707	1.225	81.300
	Applying Knowledge of Literary Elements	10	146692	8.440	1.718	0.607	1.077	84.400
	Using Strategies to Analyze	10	146692	7.830	1.856	0.604	1.168	78.300
	Applying Critical-Thinking Skills	16	146692	12.435	2.826	0.710	1.522	77.718
Mathematics	COMPLETE SUBTEST	48	146568	33.338	9.078	0.900	2.871	69.454
	Numbers, Operations, and Quantitative Reasoning	10	146568	7.234	2.192	0.659	1.280	72.340
	Patterns, Relationships, and Algebraic Reasoning	10	146568	6.595	2.537	0.728	1.323	65.950
	Geometry and Spatial Reasoning	07	146568	5.150	1.530	0.517	1.063	73.571
	Concepts and Uses of Measurement	05	146568	3.192	1.367	0.548	0.919	63.840
	Probability and Statistics	07	146568	4.519	1.657	0.501	1.171	64.557
	Mathematical Processes and Tools	09	146568	6.647	1.947	0.633	1.180	73.855
Writing	COMPLETE SUBTEST	44	145432	35.235	6.168	0.868	2.241	82.120
	Appropriate Organization of Ideas	06	145432	4.882	1.244	0.522	0.860	81.366
	Correct and Effective Sentence Construction	10	145432	7.993	2.071	0.717	1.102	79.930
	Standard Usage and Appropriate Word Choice	12	145432	10.022	1.876	0.608	1.175	83.516
	Proofreading for Punctuation, Capitalization, and Spelling	12	145432	9.951	1.892	0.600	1.197	82.925

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	001148	40.311	6.772	0.881	2.336	83.981
	Basic Understanding	12	001148	10.118	2.030	0.675	1.157	84.316
	Applying Knowledge of Literary Elements	10	001148	8.801	1.517	0.580	0.983	88.010
	Using Strategies to Analyze	10	001148	8.234	1.723	0.601	1.088	82.340
	Applying Critical-Thinking Skills	16	001148	13.159	2.564	0.699	1.407	82.243
Mathematics	COMPLETE SUBTEST	48	001145	35.066	9.001	0.906	2.760	73.054
	Numbers, Operations, and Quantitative Reasoning	10	001145	7.626	2.077	0.652	1.225	76.260
	Patterns, Relationships, and Algebraic Reasoning	10	001145	6.997	2.457	0.727	1.284	69.970
	Geometry and Spatial Reasoning	07	001145	5.424	1.460	0.516	1.016	77.485
	Concepts and Uses of Measurement	05	001145	3.357	1.396	0.603	0.880	67.140
	Probability and Statistics	07	001145	4.836	1.673	0.550	1.122	69.085
	Mathematical Processes and Tools	09	001145	6.827	1.919	0.640	1.151	75.855
Writing	COMPLETE SUBTEST	44	001118	36.497	5.864	0.873	2.090	85.020
	Appropriate Organization of Ideas	06	001118	5.126	1.161	0.559	0.771	85.433
	Correct and Effective Sentence Construction	10	001118	8.279	1.943	0.713	1.041	82.790
	Standard Usage and Appropriate Word Choice	12	001118	10.360	1.735	0.604	1.092	86.333
	Proofreading for Punctuation, Capitalization, and Spelling	12	001118	10.242	1.818	0.618	1.124	85.350

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	115862	41.914	5.778	0.861	2.154	87.320
	Basic Understanding	12	115862	10.512	1.817	0.663	1.055	87.600
	Applying Knowledge of Literary Elements	10	115862	9.099	1.259	0.494	0.896	90.990
	Using Strategies to Analyze	10	115862	8.593	1.507	0.552	1.009	85.930
	Applying Critical-Thinking Skills	16	115862	13.711	2.238	0.656	1.313	85.693
Mathematics	COMPLETE SUBTEST	48	115401	37.635	8.054	0.897	2.585	78.406
	Numbers, Operations, and Quantitative Reasoning	10	115401	8.083	1.865	0.625	1.142	80.830
	Patterns, Relationships, and Algebraic Reasoning	10	115401	7.663	2.260	0.725	1.185	76.630
	Geometry and Spatial Reasoning	07	115401	5.717	1.319	0.481	0.950	81.671
	Concepts and Uses of Measurement	05	115401	3.620	1.279	0.554	0.854	72.400
	Probability and Statistics	07	115401	5.286	1.534	0.528	1.054	75.514
Writing	Mathematical Processes and Tools	09	115401	7.266	1.710	0.605	1.075	80.733
	COMPLETE SUBTEST	44	114083	37.898	5.272	0.868	1.915	88.140
	Appropriate Organization of Ideas	06	114083	5.352	0.974	0.489	0.696	89.200
	Correct and Effective Sentence Construction	10	114083	8.720	1.739	0.717	0.925	87.200
	Standard Usage and Appropriate Word Choice	12	114083	10.683	1.582	0.602	0.998	89.025
	Proofreading for Punctuation, Capitalization, and Spelling	12	114083	10.501	1.673	0.602	1.055	87.508

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
Reading	COMPLETE SUBTEST	48	319826	42.322	6.192	0.887	2.081	88.170	
	Basic Understanding	12	319826	10.693	1.675	0.638	1.008	89.108	
	Applying Knowledge of Literary Elements	10	319826	8.754	1.609	0.645	0.959	87.540	
	Using Strategies to Analyze	10	319826	8.687	1.559	0.588	1.001	86.870	
	Applying Critical-Thinking Skills	16	319826	14.188	2.261	0.726	1.184	88.675	
Mathematics	COMPLETE SUBTEST	50	317831	36.964	9.114	0.905	2.809	73.928	
	Numbers, Operations, and Quantitative Reasoning	10	317831	7.391	2.098	0.650	1.241	73.910	
	Patterns, Relationships, and Algebraic Reasoning	10	317831	7.587	2.233	0.704	1.215	75.870	
	Geometry and Spatial Reasoning	07	317831	5.417	1.534	0.558	1.020	77.385	
	Concepts and Uses of Measurement	05	317831	3.118	1.419	0.538	0.965	62.360	
	Probability and Statistics	08	317831	6.081	1.715	0.592	1.095	76.012	
	Mathematical Processes and Tools	10	317831	7.369	2.120	0.638	1.276	73.690	
	Social Studies	COMPLETE SUBTEST	48	313167	37.979	8.266	0.904	2.561	79.122
		Issues and Events in U.S. History	13	313167	9.998	2.715	0.745	1.371	76.907
Geographic Influences on History		06	313167	4.872	1.279	0.538	0.869	81.200	
Economic and Social Influences on History		09	313167	7.235	1.801	0.628	1.098	80.388	
Political Influences on History		12	313167	9.097	2.476	0.706	1.343	75.808	
Critical-Thinking Skills		08	313167	6.778	1.424	0.560	0.945	84.725	
Science	COMPLETE SUBTEST	50	313896	36.903	8.233	0.882	2.828	73.806	
	Nature of Science	14	313896	10.781	2.459	0.661	1.432	77.007	
	Life Systems and the Environment	12	313896	8.971	2.310	0.638	1.390	74.758	
	Structures and Properties of Matter	06	313896	4.314	1.343	0.461	0.986	71.900	
	Motion, Forces, and Energy	06	313896	4.669	1.296	0.462	0.951	77.816	
	Earth and Space Systems	12	313896	8.168	2.592	0.686	1.452	68.066	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
Reading	COMPLETE SUBTEST	48	158613	42.955	5.619	0.876	1.979	89.489	
	Basic Understanding	12	158613	10.864	1.522	0.611	0.949	90.533	
	Applying Knowledge of Literary Elements	10	158613	8.950	1.462	0.621	0.900	89.500	
	Using Strategies to Analyze	10	158613	8.790	1.457	0.561	0.965	87.900	
	Applying Critical-Thinking Skills	16	158613	14.351	2.084	0.703	1.136	89.693	
Mathematics	COMPLETE SUBTEST	50	157457	36.876	9.053	0.904	2.805	73.752	
	Numbers, Operations, and Quantitative Reasoning	10	157457	7.392	2.083	0.645	1.241	73.920	
	Patterns, Relationships, and Algebraic Reasoning	10	157457	7.594	2.208	0.697	1.215	75.940	
	Geometry and Spatial Reasoning	07	157457	5.328	1.555	0.554	1.038	76.114	
	Concepts and Uses of Measurement	05	157457	3.155	1.417	0.541	0.960	63.100	
	Probability and Statistics	08	157457	6.083	1.700	0.586	1.094	76.037	
	Mathematical Processes and Tools	10	157457	7.325	2.115	0.636	1.276	73.250	
	Social Studies	COMPLETE SUBTEST	48	155236	37.563	8.087	0.896	2.608	78.256
		Issues and Events in U.S. History	13	155236	9.838	2.697	0.731	1.399	75.676
Geographic Influences on History		06	155236	4.786	1.293	0.523	0.893	79.766	
Economic and Social Influences on History		09	155236	7.161	1.774	0.604	1.116	79.566	
Political Influences on History		12	155236	9.055	2.423	0.687	1.356	75.458	
Critical-Thinking Skills		08	155236	6.723	1.407	0.534	0.960	84.037	
Science	COMPLETE SUBTEST	50	155703	36.312	8.103	0.875	2.865	72.624	
	Nature of Science	14	155703	10.752	2.415	0.647	1.435	76.800	
	Life Systems and the Environment	12	155703	8.861	2.284	0.620	1.408	73.841	
	Structures and Properties of Matter	06	155703	4.298	1.327	0.453	0.981	71.633	
	Motion, Forces, and Energy	06	155703	4.516	1.319	0.439	0.988	75.266	
	Earth and Space Systems	12	155703	7.886	2.594	0.674	1.481	65.716	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	161110	41.702	6.646	0.894	2.164	86.879
	Basic Understanding	12	161110	10.526	1.796	0.653	1.058	87.716
	Applying Knowledge of Literary Elements	10	161110	8.561	1.719	0.655	1.010	85.610
	Using Strategies to Analyze	10	161110	8.586	1.646	0.606	1.033	85.860
	Applying Critical-Thinking Skills	16	161110	14.029	2.410	0.741	1.226	87.681
Mathematics	COMPLETE SUBTEST	50	160227	37.057	9.170	0.907	2.796	74.114
	Numbers, Operations, and Quantitative Reasoning	10	160227	7.391	2.112	0.657	1.237	73.910
	Patterns, Relationships, and Algebraic Reasoning	10	160227	7.582	2.257	0.712	1.211	75.820
	Geometry and Spatial Reasoning	07	160227	5.506	1.507	0.558	1.002	78.657
	Concepts and Uses of Measurement	05	160227	3.083	1.421	0.535	0.969	61.660
	Probability and Statistics	08	160227	6.081	1.729	0.600	1.094	76.012
	Mathematical Processes and Tools	10	160227	7.413	2.124	0.642	1.271	74.130
Social Studies	COMPLETE SUBTEST	48	157786	38.393	8.417	0.911	2.511	79.985
	Issues and Events in U.S. History	13	157786	10.156	2.723	0.758	1.340	78.123
	Geographic Influences on History	06	157786	4.956	1.259	0.550	0.845	82.600
	Economic and Social Influences on History	09	157786	7.308	1.824	0.649	1.081	81.200
	Political Influences on History	12	157786	9.140	2.526	0.724	1.327	76.166
Science	Critical-Thinking Skills	08	157786	6.833	1.438	0.584	0.927	85.412
	COMPLETE SUBTEST	50	158043	37.491	8.316	0.888	2.783	74.982
	Nature of Science	14	158043	10.810	2.499	0.675	1.425	77.214
	Life Systems and the Environment	12	158043	9.081	2.330	0.655	1.369	75.675
	Structures and Properties of Matter	06	158043	4.331	1.358	0.473	0.986	72.183
	Motion, Forces, and Energy	06	158043	4.820	1.254	0.472	0.911	80.333
Earth and Space Systems	12	158043	8.448	2.559	0.692	1.420	70.400	

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	045087	41.312	6.610	0.886	2.232	86.066
	Basic Understanding	12	045087	10.500	1.777	0.637	1.071	87.500
	Applying Knowledge of Literary Elements	10	045087	8.535	1.720	0.644	1.026	85.350
	Using Strategies to Analyze	10	045087	8.479	1.663	0.586	1.070	84.790
	Applying Critical-Thinking Skills	16	045087	13.798	2.431	0.720	1.286	86.237
Mathematics	COMPLETE SUBTEST	50	044563	33.295	9.482	0.899	3.013	66.590
	Numbers, Operations, and Quantitative Reasoning	10	044563	6.683	2.235	0.647	1.328	66.830
	Patterns, Relationships, and Algebraic Reasoning	10	044563	6.850	2.389	0.694	1.322	68.500
	Geometry and Spatial Reasoning	07	044563	4.739	1.711	0.558	1.138	67.700
	Concepts and Uses of Measurement	05	044563	2.692	1.414	0.495	1.005	53.840
	Probability and Statistics	08	044563	5.607	1.789	0.569	1.174	70.087
	Mathematical Processes and Tools	10	044563	6.724	2.155	0.593	1.375	67.240
Social Studies	COMPLETE SUBTEST	48	044083	35.943	8.420	0.894	2.741	74.881
	Issues and Events in U.S. History	13	044083	9.361	2.789	0.722	1.471	72.007
	Geographic Influences on History	06	044083	4.557	1.365	0.512	0.954	75.950
	Economic and Social Influences on History	09	044083	6.851	1.875	0.601	1.184	76.122
	Political Influences on History	12	044083	8.659	2.481	0.672	1.421	72.158
	Critical-Thinking Skills	08	044083	6.515	1.512	0.541	1.024	81.437
Science	COMPLETE SUBTEST	50	044127	33.690	8.229	0.865	3.024	67.380
	Nature of Science	14	044127	9.982	2.572	0.644	1.535	71.300
	Life Systems and the Environment	12	044127	8.211	2.349	0.592	1.500	68.425
	Structures and Properties of Matter	06	044127	3.980	1.366	0.424	1.037	66.333
	Motion, Forces, and Energy	06	044127	4.349	1.341	0.409	1.031	72.483
	Earth and Space Systems	12	044127	7.168	2.618	0.652	1.544	59.733

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	011234	44.736	4.303	0.855	1.639	93.200
	Basic Understanding	12	011234	11.283	1.155	0.545	0.779	94.025
	Applying Knowledge of Literary Elements	10	011234	9.228	1.200	0.573	0.784	92.280
	Using Strategies to Analyze	10	011234	9.238	1.146	0.524	0.791	92.380
	Applying Critical-Thinking Skills	16	011234	14.986	1.611	0.677	0.916	93.662
Mathematics	COMPLETE SUBTEST	50	011281	43.353	6.915	0.900	2.187	86.706
	Numbers, Operations, and Quantitative Reasoning	10	011281	8.641	1.577	0.609	0.986	86.410
	Patterns, Relationships, and Algebraic Reasoning	10	011281	8.957	1.578	0.693	0.874	89.570
	Geometry and Spatial Reasoning	07	011281	6.126	1.177	0.524	0.812	87.514
	Concepts and Uses of Measurement	05	011281	3.991	1.190	0.562	0.788	79.820
	Probability and Statistics	08	011281	7.020	1.282	0.553	0.857	87.750
	Mathematical Processes and Tools	10	011281	8.619	1.709	0.661	0.995	86.190
	COMPLETE SUBTEST	48	011200	42.885	5.800	0.884	1.975	89.343
Social Studies	Issues and Events in U.S. History	13	011200	11.554	1.923	0.708	1.039	88.876
	Geographic Influences on History	06	011200	5.452	0.903	0.477	0.653	90.866
	Economic and Social Influences on History	09	011200	8.033	1.297	0.555	0.865	89.255
	Political Influences on History	12	011200	10.522	1.833	0.676	1.043	87.683
	Critical-Thinking Skills	08	011200	7.324	1.034	0.493	0.736	91.550
Science	COMPLETE SUBTEST	50	011216	41.641	6.615	0.867	2.412	83.282
	Nature of Science	14	011216	11.976	1.930	0.616	1.196	85.542
	Life Systems and the Environment	12	011216	10.027	1.895	0.608	1.186	83.558
	Structures and Properties of Matter	06	011216	4.974	1.108	0.427	0.839	82.900
	Motion, Forces, and Energy	06	011216	5.215	1.038	0.445	0.773	86.916
	Earth and Space Systems	12	011216	9.449	2.198	0.659	1.284	78.741

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	145802	41.209	6.800	0.894	2.214	85.852
	Basic Understanding	12	145802	10.437	1.834	0.656	1.076	86.975
	Applying Knowledge of Literary Elements	10	145802	8.476	1.762	0.658	1.030	84.760
	Using Strategies to Analyze	10	145802	8.488	1.697	0.618	1.049	84.880
	Applying Critical-Thinking Skills	16	145802	13.807	2.461	0.733	1.272	86.293
Mathematics	COMPLETE SUBTEST	50	145087	35.446	9.236	0.901	2.906	70.892
	Numbers, Operations, and Quantitative Reasoning	10	145087	7.132	2.157	0.648	1.280	71.320
	Patterns, Relationships, and Algebraic Reasoning	10	145087	7.319	2.285	0.697	1.258	73.190
	Geometry and Spatial Reasoning	07	145087	5.274	1.568	0.551	1.051	75.342
	Concepts and Uses of Measurement	05	145087	2.954	1.417	0.515	0.987	59.080
	Probability and Statistics	08	145087	5.773	1.777	0.582	1.149	72.162
	Mathematical Processes and Tools	10	145087	6.993	2.152	0.619	1.328	69.930
Social Studies	COMPLETE SUBTEST	48	142124	36.132	8.567	0.899	2.723	75.275
	Issues and Events in U.S. History	13	142124	9.539	2.802	0.736	1.440	73.376
	Geographic Influences on History	06	142124	4.646	1.361	0.534	0.929	77.433
	Economic and Social Influences on History	09	142124	6.819	1.887	0.606	1.184	75.766
	Political Influences on History	12	142124	8.618	2.538	0.688	1.418	71.816
	Critical-Thinking Skills	08	142124	6.510	1.528	0.562	1.011	81.375
Science	COMPLETE SUBTEST	50	142562	34.840	8.226	0.871	2.954	69.680
	Nature of Science	14	142562	10.285	2.533	0.651	1.496	73.464
	Life Systems and the Environment	12	142562	8.437	2.358	0.614	1.465	70.308
	Structures and Properties of Matter	06	142562	4.104	1.367	0.444	1.019	68.400
	Motion, Forces, and Energy	06	142562	4.420	1.341	0.436	1.007	73.666
	Earth and Space Systems	12	142562	7.594	2.546	0.646	1.515	63.283

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
Reading	COMPLETE SUBTEST	48	001209	42.630	5.879	0.878	2.053	88.812	
	Basic Understanding	12	001209	10.768	1.615	0.619	0.997	89.733	
	Applying Knowledge of Literary Elements	10	001209	8.876	1.496	0.605	0.940	88.760	
	Using Strategies to Analyze	10	001209	8.691	1.524	0.564	1.006	86.910	
	Applying Critical-Thinking Skills	16	001209	14.294	2.207	0.722	1.164	89.337	
Mathematics	COMPLETE SUBTEST	50	001196	37.124	8.830	0.899	2.806	74.248	
	Numbers, Operations, and Quantitative Reasoning	10	001196	7.345	2.045	0.620	1.261	73.450	
	Patterns, Relationships, and Algebraic Reasoning	10	001196	7.557	2.245	0.705	1.219	75.570	
	Geometry and Spatial Reasoning	07	001196	5.483	1.499	0.544	1.012	78.328	
	Concepts and Uses of Measurement	05	001196	3.093	1.366	0.472	0.993	61.860	
	Probability and Statistics	08	001196	6.152	1.688	0.593	1.077	76.900	
	Mathematical Processes and Tools	10	001196	7.493	2.027	0.605	1.274	74.930	
	Social Studies	COMPLETE SUBTEST	48	001181	38.750	7.761	0.895	2.515	80.729
		Issues and Events in U.S. History	13	001181	10.119	2.629	0.729	1.369	77.838
Geographic Influences on History		06	001181	4.997	1.188	0.499	0.841	83.283	
Economic and Social Influences on History		09	001181	7.511	1.652	0.586	1.063	83.455	
Political Influences on History		12	001181	9.245	2.415	0.704	1.314	77.041	
Critical-Thinking Skills		08	001181	6.879	1.333	0.508	0.935	85.987	
Science	COMPLETE SUBTEST	50	001176	38.035	7.667	0.869	2.775	76.070	
	Nature of Science	14	001176	11.021	2.312	0.627	1.412	78.721	
	Life Systems and the Environment	12	001176	9.313	2.148	0.603	1.353	77.608	
	Structures and Properties of Matter	06	001176	4.392	1.311	0.447	0.975	73.200	
	Motion, Forces, and Energy	06	001176	4.815	1.248	0.456	0.920	80.250	
	Earth and Space Systems	12	001176	8.494	2.488	0.672	1.425	70.783	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	48	116413	43.874	4.833	0.853	1.853	91.404
	Basic Understanding	12	116413	11.033	1.365	0.560	0.905	91.941
	Applying Knowledge of Literary Elements	10	116413	9.139	1.276	0.562	0.844	91.390
	Using Strategies to Analyze	10	116413	8.962	1.292	0.490	0.923	89.620
	Applying Critical-Thinking Skills	16	116413	14.739	1.803	0.671	1.034	92.118
Mathematics	COMPLETE SUBTEST	50	115587	39.668	7.851	0.888	2.627	79.336
	Numbers, Operations, and Quantitative Reasoning	10	115587	7.870	1.838	0.592	1.174	78.700
	Patterns, Relationships, and Algebraic Reasoning	10	115587	8.077	1.983	0.671	1.137	80.770
	Geometry and Spatial Reasoning	07	115587	5.789	1.304	0.474	0.946	82.700
	Concepts and Uses of Measurement	05	115587	3.405	1.351	0.521	0.935	68.100
	Probability and Statistics	08	115587	6.560	1.474	0.534	1.006	82.000
	Mathematical Processes and Tools	10	115587	7.968	1.890	0.607	1.185	79.680
Social Studies	COMPLETE SUBTEST	48	114403	40.579	7.036	0.892	2.312	84.539
	Issues and Events in U.S. History	13	114403	10.662	2.426	0.730	1.261	82.015
	Geographic Influences on History	06	114403	5.216	1.054	0.470	0.767	86.933
	Economic and Social Influences on History	09	114403	7.821	1.492	0.586	0.960	86.900
	Political Influences on History	12	114403	9.722	2.249	0.699	1.234	81.016
	Critical-Thinking Skills	08	114403	7.158	1.163	0.488	0.832	89.475
Science	COMPLETE SUBTEST	50	114637	40.238	6.910	0.859	2.595	80.476
	Nature of Science	14	114637	11.587	2.062	0.593	1.315	82.764
	Life Systems and the Environment	12	114637	9.822	1.937	0.578	1.258	81.850
	Structures and Properties of Matter	06	114637	4.641	1.227	0.430	0.926	77.350
	Motion, Forces, and Energy	06	114637	5.048	1.120	0.421	0.852	84.133
	Earth and Space Systems	12	114637	9.141	2.290	0.655	1.345	76.175

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	343364	32.645	5.180	0.854	1.979	87.006
	Basic Understanding	09	343364	7.867	1.349	0.557	0.898	87.411
	Literary Elements and Techniques	15	343364	11.578	2.079	0.682	1.172	85.333
	Analysis and Evaluation	18	343364	13.199	2.492	0.758	1.226	88.366
Mathematics	COMPLETE SUBTEST	52	336081	34.946	10.808	0.923	2.999	67.203
	Functional Relationships	05	336081	3.257	1.358	0.498	0.962	65.140
	Properties and Attributes of Functions	05	336081	3.515	1.300	0.479	0.938	70.300
	Linear Functions	05	336081	3.472	1.383	0.561	0.916	69.440
	Linear Equations and Inequalities	05	336081	3.362	1.409	0.566	0.928	67.240
	Quadratic and Other Nonlinear Functions	04	336081	2.886	1.157	0.574	0.755	72.150
	Geometric Relationships and Spatial Reasoning	04	336081	2.856	1.045	0.433	0.787	71.400
	Two- and Three-Dimensional Representations	04	336081	2.866	1.073	0.428	0.812	71.650
	Measurement and Similarity	06	336081	3.696	1.705	0.624	1.045	61.600
	Percents/Proportions/Probability/Statistics	05	336081	3.204	1.402	0.525	0.966	64.080
	Mathematical Processes and Tools	09	336081	5.832	2.190	0.671	1.256	64.800

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	165909	33.232	4.647	0.829	1.922	88.315
	Basic Understanding	09	165909	7.987	1.229	0.502	0.867	88.744
	Literary Elements and Techniques	15	165909	11.763	1.944	0.648	1.153	86.233
	Analysis and Evaluation	18	165909	13.482	2.239	0.719	1.187	90.075
Mathematics	COMPLETE SUBTEST	52	162697	35.346	10.359	0.917	2.984	67.973
	Functional Relationships	05	162697	3.311	1.328	0.476	0.961	66.220
	Properties and Attributes of Functions	05	162697	3.593	1.248	0.438	0.936	71.860
	Linear Functions	05	162697	3.526	1.336	0.530	0.916	70.520
	Linear Equations and Inequalities	05	162697	3.392	1.355	0.534	0.925	67.840
	Quadratic and Other Nonlinear Functions	04	162697	2.929	1.122	0.549	0.753	73.225
	Geometric Relationships and Spatial Reasoning	04	162697	2.870	1.029	0.415	0.787	71.750
	Two- and Three-Dimensional Representations	04	162697	2.842	1.069	0.415	0.818	71.050
	Measurement and Similarity	06	162697	3.769	1.672	0.614	1.039	62.816
	Percents/Proportions/Probability/Statistics	05	162697	3.217	1.391	0.520	0.964	64.340
	Mathematical Processes and Tools	09	162697	5.897	2.120	0.650	1.254	65.522

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	177330	32.098	5.575	0.868	2.025	85.790
	Basic Understanding	09	177330	7.756	1.443	0.588	0.926	86.177
	Literary Elements and Techniques	15	177330	11.405	2.183	0.705	1.186	84.508
	Analysis and Evaluation	18	177330	12.936	2.679	0.779	1.259	86.783
Mathematics	COMPLETE SUBTEST	52	173225	34.577	11.197	0.929	2.984	66.494
	Functional Relationships	05	173225	3.207	1.384	0.520	0.959	64.140
	Properties and Attributes of Functions	05	173225	3.442	1.343	0.509	0.941	68.840
	Linear Functions	05	173225	3.422	1.424	0.586	0.916	68.440
	Linear Equations and Inequalities	05	173225	3.335	1.457	0.600	0.921	66.700
	Quadratic and Other Nonlinear Functions	04	173225	2.846	1.187	0.594	0.756	71.150
	Geometric Relationships and Spatial Reasoning	04	173225	2.844	1.060	0.449	0.787	71.100
	Two- and Three-Dimensional Representations	04	173225	2.889	1.076	0.442	0.804	72.225
	Measurement and Similarity	06	173225	3.629	1.732	0.632	1.051	60.483
	Percents/Proportions/Probability/Statistics	05	173225	3.193	1.414	0.533	0.966	63.860
	Mathematical Processes and Tools	09	173225	5.772	2.252	0.690	1.254	64.133

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	050770	31.524	5.541	0.857	2.095	84.342
	Basic Understanding	09	050770	7.665	1.459	0.566	0.961	85.166
	Literary Elements and Techniques	15	050770	11.190	2.189	0.681	1.236	82.791
	Analysis and Evaluation	18	050770	12.669	2.680	0.763	1.305	85.275
Mathematics	COMPLETE SUBTEST	52	049242	30.644	10.633	0.911	3.172	58.930
	Functional Relationships	05	049242	2.882	1.375	0.454	1.016	57.640
	Properties and Attributes of Functions	05	049242	3.202	1.324	0.431	0.999	64.040
	Linear Functions	05	049242	3.090	1.429	0.537	0.972	61.800
	Linear Equations and Inequalities	05	049242	2.928	1.435	0.535	0.979	58.560
	Quadratic and Other Nonlinear Functions	04	049242	2.626	1.209	0.554	0.807	65.650
	Geometric Relationships and Spatial Reasoning	04	049242	2.539	1.133	0.436	0.851	63.475
	Two- and Three-Dimensional Representations	04	049242	2.444	1.128	0.372	0.894	61.100
	Measurement and Similarity	06	049242	3.137	1.689	0.581	1.093	52.283
	Percents/Proportions/Probability/Statistics	05	049242	2.717	1.408	0.479	1.016	54.340
	Mathematical Processes and Tools	09	049242	5.077	2.138	0.615	1.327	56.411

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	011553	34.687	3.961	0.809	1.731	91.545
	Basic Understanding	09	011553	8.270	1.069	0.505	0.752	91.888
	Literary Elements and Techniques	15	011553	12.275	1.724	0.640	1.034	89.925
	Analysis and Evaluation	18	011553	14.142	1.873	0.669	1.078	92.900
Mathematics	COMPLETE SUBTEST	52	011571	43.174	8.508	0.920	2.406	83.026
	Functional Relationships	05	011571	4.057	1.116	0.503	0.787	81.140
	Properties and Attributes of Functions	05	011571	4.264	1.005	0.474	0.729	85.280
	Linear Functions	05	011571	4.215	1.061	0.519	0.736	84.300
	Linear Equations and Inequalities	05	011571	4.155	1.074	0.511	0.751	83.100
	Quadratic and Other Nonlinear Functions	04	011571	3.581	0.784	0.536	0.534	89.525
	Geometric Relationships and Spatial Reasoning	04	011571	3.392	0.829	0.388	0.649	84.800
	Two- and Three-Dimensional Representations	04	011571	3.422	0.854	0.457	0.629	85.550
	Measurement and Similarity	06	011571	4.805	1.421	0.647	0.844	80.083
	Percents/Proportions/Probability/Statistics	05	011571	3.971	1.170	0.523	0.808	79.420
	Mathematical Processes and Tools	09	011571	7.311	1.810	0.677	1.029	81.233

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	156748	31.617	5.550	0.856	2.106	84.490
	Basic Understanding	09	156748	7.693	1.461	0.576	0.951	85.477
	Literary Elements and Techniques	15	156748	11.164	2.200	0.679	1.246	82.500
	Analysis and Evaluation	18	156748	12.760	2.673	0.761	1.307	85.750
Mathematics	COMPLETE SUBTEST	52	152904	32.798	10.623	0.915	3.097	63.073
	Functional Relationships	05	152904	3.027	1.356	0.458	0.998	60.540
	Properties and Attributes of Functions	05	152904	3.349	1.323	0.462	0.970	66.980
	Linear Functions	05	152904	3.286	1.404	0.547	0.945	65.720
	Linear Equations and Inequalities	05	152904	3.132	1.424	0.546	0.959	62.640
	Quadratic and Other Nonlinear Functions	04	152904	2.683	1.189	0.553	0.795	67.075
	Geometric Relationships and Spatial Reasoning	04	152904	2.723	1.056	0.410	0.811	68.075
	Two- and Three-Dimensional Representations	04	152904	2.754	1.074	0.394	0.836	68.850
	Measurement and Similarity	06	152904	3.409	1.698	0.598	1.077	56.816
	Percents/Proportions/Probability/Statistics	05	152904	2.999	1.394	0.484	1.001	59.980
	Mathematical Processes and Tools	09	152904	5.436	2.171	0.643	1.297	60.400

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	001205	33.215	4.759	0.842	1.892	88.348
	Basic Understanding	09	001205	7.940	1.227	0.493	0.874	88.222
	Literary Elements and Techniques	15	001205	11.802	2.009	0.686	1.126	86.858
	Analysis and Evaluation	18	001205	13.473	2.268	0.735	1.168	89.933
Mathematics	COMPLETE SUBTEST	52	001158	35.818	10.450	0.919	2.974	68.880
	Functional Relationships	05	001158	3.388	1.291	0.452	0.956	67.760
	Properties and Attributes of Functions	05	001158	3.584	1.266	0.460	0.930	71.680
	Linear Functions	05	001158	3.523	1.363	0.547	0.917	70.460
	Linear Equations and Inequalities	05	001158	3.477	1.374	0.553	0.919	69.540
	Quadratic and Other Nonlinear Functions	04	001158	2.977	1.127	0.581	0.730	74.425
	Geometric Relationships and Spatial Reasoning	04	001158	2.914	1.023	0.417	0.781	72.850
	Two- and Three-Dimensional Representations	04	001158	2.929	1.055	0.419	0.804	73.225
	Measurement and Similarity	06	001158	3.757	1.681	0.610	1.050	62.616
	Percents/Proportions/Probability/Statistics	05	001158	3.215	1.404	0.533	0.959	64.300
	Mathematical Processes and Tools	09	001158	6.054	2.124	0.658	1.242	67.266

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	122924	34.226	4.055	0.811	1.763	90.884
	Basic Understanding	09	122924	8.136	1.101	0.463	0.807	90.400
	Literary Elements and Techniques	15	122924	12.200	1.697	0.623	1.042	89.575
	Analysis and Evaluation	18	122924	13.890	1.986	0.701	1.086	92.558
Mathematics	COMPLETE SUBTEST	52	120968	38.633	9.699	0.916	2.811	74.294
	Functional Relationships	05	120968	3.624	1.254	0.484	0.901	72.480
	Properties and Attributes of Functions	05	120968	3.782	1.207	0.459	0.888	75.640
	Linear Functions	05	120968	3.792	1.266	0.535	0.863	75.840
	Linear Equations and Inequalities	05	120968	3.755	1.273	0.537	0.866	75.100
	Quadratic and Other Nonlinear Functions	04	120968	3.182	1.025	0.542	0.694	79.550
	Geometric Relationships and Spatial Reasoning	04	120968	3.103	0.934	0.377	0.737	77.575
	Two- and Three-Dimensional Representations	04	120968	3.125	0.977	0.410	0.750	78.125
	Measurement and Similarity	06	120968	4.182	1.568	0.591	1.003	69.700
	Percents/Proportions/Probability/Statistics	05	120968	3.590	1.301	0.511	0.910	71.800
	Mathematical Processes and Tools	09	120968	6.498	2.014	0.652	1.188	72.200

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) Total Group

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	296255	57.199	8.408	0.899	2.672	89.395	
	Basic Understanding	08	296255	7.488	1.004	0.628	0.612	93.600	
	Literary Elements and Techniques	11	296255	8.394	1.595	0.660	0.930	86.937	
	Analysis and Evaluation	18	296255	13.583	2.071	0.712	1.111	91.333	
	Revising and Editing	20	296255	17.507	2.982	0.806	1.313	87.535	
Mathematics	COMPLETE SUBTEST	56	293402	37.266	11.551	0.930	3.056	66.546	
	Functional Relationships	05	293402	3.564	1.285	0.510	0.899	71.280	
	Properties and Attributes of Functions	05	293402	3.197	1.397	0.528	0.960	63.940	
	Linear Functions	05	293402	3.466	1.356	0.572	0.887	69.320	
	Linear Equations and Inequalities	05	293402	3.350	1.429	0.588	0.917	67.000	
	Quadratic and Other Nonlinear Functions	05	293402	3.228	1.312	0.505	0.923	64.560	
	Geometric Relationships and Spatial Reasoning	05	293402	3.241	1.362	0.513	0.950	64.820	
	Two- and Three-Dimensional Representations	05	293402	3.868	1.136	0.490	0.811	77.360	
	Measurement and Similarity	07	293402	4.144	1.930	0.667	1.114	59.200	
	Percents/Proportions/Probability/Statistics	05	293402	3.246	1.444	0.632	0.876	64.920	
	Mathematical Processes and Tools	09	293402	5.961	2.123	0.661	1.236	66.233	
	Social Studies	COMPLETE SUBTEST	50	292046	39.813	7.825	0.894	2.548	79.626
		Issues and Events in U.S. History	07	292046	5.036	1.579	0.531	1.081	71.942
Geographic Influences on History		12	292046	10.057	2.029	0.670	1.166	83.808	
Economic and Social Influences on History		07	292046	6.009	1.189	0.486	0.852	85.842	
Political Influences on History		12	292046	8.694	2.461	0.697	1.355	72.450	
Critical-Thinking Skills		12	292046	10.017	2.120	0.700	1.161	83.475	
Science	COMPLETE SUBTEST	55	291812	38.179	10.126	0.909	3.055	69.416	
	Nature of Science	17	291812	12.725	3.204	0.751	1.599	74.852	
	Organization of Living Systems	11	291812	7.519	2.423	0.680	1.371	68.354	
	Interdependence of Organisms and the Environment	11	291812	7.333	2.563	0.700	1.404	66.663	
	Structures and Properties of Matter	08	291812	4.877	1.998	0.608	1.251	60.962	
	Motion, Forces, and Energy	08	291812	5.726	1.751	0.561	1.160	71.575	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	147500	58.322	7.450	0.877	2.613	90.645	
	Basic Understanding	08	147500	7.566	0.873	0.561	0.578	94.575	
	Literary Elements and Techniques	11	147500	8.551	1.453	0.614	0.903	88.300	
	Analysis and Evaluation	18	147500	13.798	1.836	0.652	1.083	92.308	
	Revising and Editing	20	147500	17.804	2.640	0.771	1.263	89.020	
Mathematics	COMPLETE SUBTEST	56	146302	37.311	11.257	0.926	3.062	66.626	
	Functional Relationships	05	146302	3.640	1.227	0.477	0.887	72.800	
	Properties and Attributes of Functions	05	146302	3.238	1.378	0.518	0.957	64.760	
	Linear Functions	05	146302	3.501	1.342	0.565	0.885	70.020	
	Linear Equations and Inequalities	05	146302	3.422	1.383	0.566	0.911	68.440	
	Quadratic and Other Nonlinear Functions	05	146302	3.275	1.281	0.484	0.920	65.500	
	Geometric Relationships and Spatial Reasoning	05	146302	3.229	1.353	0.501	0.956	64.580	
	Two- and Three-Dimensional Representations	05	146302	3.832	1.151	0.495	0.818	76.640	
	Measurement and Similarity	07	146302	4.074	1.887	0.649	1.118	58.200	
	Percents/Proportions/Probability/Statistics	05	146302	3.205	1.438	0.625	0.881	64.100	
	Mathematical Processes and Tools	09	146302	5.896	2.105	0.653	1.240	65.511	
	Social Studies	COMPLETE SUBTEST	50	145445	39.262	7.594	0.884	2.586	78.524
		Issues and Events in U.S. History	07	145445	4.935	1.553	0.495	1.104	70.500
Geographic Influences on History		12	145445	9.867	2.010	0.639	1.208	82.225	
Economic and Social Influences on History		07	145445	5.939	1.145	0.449	0.850	84.842	
Political Influences on History		12	145445	8.632	2.411	0.680	1.364	71.933	
Critical-Thinking Skills		12	145445	9.889	2.115	0.686	1.185	82.408	
Science	COMPLETE SUBTEST	55	145304	37.341	9.826	0.900	3.107	67.892	
	Nature of Science	17	145304	12.469	3.057	0.719	1.620	73.347	
	Organization of Living Systems	11	145304	7.421	2.391	0.668	1.378	67.463	
	Interdependence of Organisms and the Environment	11	145304	7.058	2.565	0.689	1.430	64.163	
	Structures and Properties of Matter	08	145304	4.810	1.980	0.594	1.262	60.125	
	Motion, Forces, and Energy	08	145304	5.583	1.725	0.527	1.186	69.787	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	148643	56.089	9.122	0.911	2.721	88.160	
	Basic Understanding	08	148643	7.410	1.113	0.664	0.645	92.625	
	Literary Elements and Techniques	11	148643	8.239	1.709	0.687	0.956	85.600	
	Analysis and Evaluation	18	148643	13.370	2.259	0.745	1.141	90.375	
	Revising and Editing	20	148643	17.214	3.258	0.826	1.359	86.070	
Mathematics	COMPLETE SUBTEST	56	146924	37.232	11.832	0.933	3.063	66.485	
	Functional Relationships	05	146924	3.489	1.336	0.538	0.908	69.780	
	Properties and Attributes of Functions	05	146924	3.158	1.414	0.537	0.962	63.160	
	Linear Functions	05	146924	3.432	1.370	0.580	0.888	68.640	
	Linear Equations and Inequalities	05	146924	3.280	1.470	0.608	0.920	65.600	
	Quadratic and Other Nonlinear Functions	05	146924	3.183	1.339	0.523	0.925	63.660	
	Geometric Relationships and Spatial Reasoning	05	146924	3.253	1.370	0.525	0.944	65.060	
	Two- and Three-Dimensional Representations	05	146924	3.904	1.119	0.486	0.802	78.080	
	Measurement and Similarity	07	146924	4.216	1.968	0.683	1.108	60.228	
	Percents/Proportions/Probability/Statistics	05	146924	3.289	1.448	0.638	0.871	65.780	
	Mathematical Processes and Tools	09	146924	6.027	2.137	0.669	1.229	66.966	
	Social Studies	COMPLETE SUBTEST	50	146444	40.365	8.008	0.903	2.494	80.730
		Issues and Events in U.S. History	07	146444	5.138	1.597	0.563	1.056	73.400
Geographic Influences on History		12	146444	10.247	2.030	0.697	1.117	85.391	
Economic and Social Influences on History		07	146444	6.079	1.226	0.529	0.841	86.842	
Political Influences on History		12	146444	8.757	2.508	0.715	1.339	72.975	
Science	Critical-Thinking Skills	12	146444	10.144	2.118	0.712	1.137	84.533	
	COMPLETE SUBTEST	55	146341	39.019	10.344	0.915	3.016	70.943	
	Nature of Science	17	146341	12.982	3.322	0.778	1.565	76.364	
	Organization of Living Systems	11	146341	7.617	2.449	0.693	1.357	69.245	
	Interdependence of Organisms and the Environment	11	146341	7.607	2.531	0.706	1.372	69.154	
	Structures and Properties of Matter	08	146341	4.943	2.013	0.620	1.241	61.787	
Motion, Forces, and Energy	08	146341	5.870	1.765	0.588	1.133	73.375		

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) African American Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	042947	55.199	9.032	0.903	2.813	86.912	
	Basic Understanding	08	042947	7.318	1.136	0.630	0.691	91.475	
	Literary Elements and Techniques	11	042947	8.058	1.741	0.665	1.008	83.525	
	Analysis and Evaluation	18	042947	13.176	2.346	0.743	1.189	89.166	
	Revising and Editing	20	042947	17.017	3.180	0.803	1.411	85.085	
Mathematics	COMPLETE SUBTEST	56	042127	32.474	11.119	0.915	3.242	57.989	
	Functional Relationships	05	042127	3.263	1.330	0.485	0.954	65.260	
	Properties and Attributes of Functions	05	042127	2.811	1.368	0.453	1.012	56.220	
	Linear Functions	05	042127	3.055	1.377	0.522	0.952	61.100	
	Linear Equations and Inequalities	05	042127	2.951	1.439	0.537	0.979	59.020	
	Quadratic and Other Nonlinear Functions	05	042127	2.867	1.316	0.459	0.968	57.340	
	Geometric Relationships and Spatial Reasoning	05	042127	2.854	1.372	0.465	1.004	57.080	
	Two- and Three-Dimensional Representations	05	042127	3.455	1.230	0.482	0.885	69.100	
	Measurement and Similarity	07	042127	3.356	1.807	0.586	1.163	47.942	
	Percents/Proportions/Probability/Statistics	05	042127	2.724	1.445	0.593	0.922	54.480	
	Mathematical Processes and Tools	09	042127	5.139	2.101	0.606	1.319	57.100	
	Social Studies	COMPLETE SUBTEST	50	042011	37.273	8.319	0.890	2.759	74.546
		Issues and Events in U.S. History	07	042011	4.754	1.633	0.517	1.135	67.914
Geographic Influences on History		12	042011	9.252	2.257	0.656	1.324	77.100	
Economic and Social Influences on History		07	042011	5.710	1.308	0.486	0.938	81.571	
Political Influences on History		12	042011	8.193	2.512	0.683	1.414	68.275	
Critical-Thinking Skills		12	042011	9.365	2.311	0.684	1.299	78.041	
Science	COMPLETE SUBTEST	55	042003	34.109	9.860	0.890	3.270	62.016	
	Nature of Science	17	042003	11.384	3.225	0.707	1.746	66.964	
	Organization of Living Systems	11	042003	6.864	2.443	0.651	1.443	62.400	
	Interdependence of Organisms and the Environment	11	042003	6.475	2.535	0.655	1.489	58.863	
	Structures and Properties of Matter	08	042003	4.255	1.918	0.538	1.304	53.187	
	Motion, Forces, and Energy	08	042003	5.131	1.811	0.529	1.243	64.137	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	011171	60.945	6.712	0.866	2.457	93.491	
	Basic Understanding	08	011171	7.730	0.691	0.536	0.471	96.625	
	Literary Elements and Techniques	11	011171	8.842	1.303	0.600	0.824	91.150	
	Analysis and Evaluation	18	011171	14.068	1.616	0.600	1.022	93.650	
	Revising and Editing	20	011171	18.616	2.223	0.787	1.026	93.080	
Mathematics	COMPLETE SUBTEST	56	011241	45.972	9.702	0.933	2.511	82.092	
	Functional Relationships	05	011241	4.243	1.008	0.497	0.715	84.860	
	Properties and Attributes of Functions	05	011241	4.093	1.169	0.582	0.756	81.860	
	Linear Functions	05	011241	4.324	1.042	0.593	0.665	86.480	
	Linear Equations and Inequalities	05	011241	4.212	1.117	0.600	0.706	84.240	
	Quadratic and Other Nonlinear Functions	05	011241	3.999	1.155	0.547	0.777	79.980	
	Geometric Relationships and Spatial Reasoning	05	011241	4.018	1.150	0.531	0.788	80.360	
	Two- and Three-Dimensional Representations	05	011241	4.452	0.885	0.505	0.623	89.040	
	Measurement and Similarity	07	011241	5.388	1.688	0.678	0.958	76.971	
	Percents/Proportions/Probability/Statistics	05	011241	4.073	1.176	0.612	0.733	81.460	
	Mathematical Processes and Tools	09	011241	7.169	1.857	0.673	1.062	79.655	
	Social Studies	COMPLETE SUBTEST	50	011160	43.701	5.951	0.873	2.121	87.402
		Issues and Events in U.S. History	07	011160	5.640	1.346	0.513	0.939	80.571
Geographic Influences on History		12	011160	10.847	1.492	0.594	0.951	90.391	
Economic and Social Influences on History		07	011160	6.511	0.811	0.388	0.634	93.014	
Political Influences on History		12	011160	9.891	2.080	0.683	1.171	82.425	
Critical-Thinking Skills		12	011160	10.813	1.621	0.662	0.942	90.108	
Science	COMPLETE SUBTEST	55	011187	44.222	8.550	0.904	2.649	80.403	
	Nature of Science	17	011187	14.222	2.669	0.737	1.369	83.658	
	Organization of Living Systems	11	011187	8.920	2.046	0.676	1.165	81.090	
	Interdependence of Organisms and the Environment	11	011187	8.640	2.192	0.691	1.218	78.545	
	Structures and Properties of Matter	08	011187	6.006	1.789	0.619	1.104	75.075	
	Motion, Forces, and Energy	08	011187	6.435	1.480	0.521	1.024	80.437	

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	126287	55.451	9.010	0.903	2.806	86.847	
	Basic Understanding	08	126287	7.345	1.127	0.634	0.682	91.812	
	Literary Elements and Techniques	11	126287	8.180	1.724	0.673	0.986	84.437	
	Analysis and Evaluation	18	126287	13.326	2.254	0.723	1.186	89.366	
	Revising and Editing	20	126287	16.863	3.261	0.805	1.440	84.315	
Mathematics	COMPLETE SUBTEST	56	124846	34.876	11.275	0.922	3.149	62.278	
	Functional Relationships	05	124846	3.423	1.311	0.506	0.921	68.460	
	Properties and Attributes of Functions	05	124846	2.959	1.381	0.483	0.993	59.180	
	Linear Functions	05	124846	3.268	1.356	0.541	0.919	65.360	
	Linear Equations and Inequalities	05	124846	3.124	1.451	0.566	0.956	62.480	
	Quadratic and Other Nonlinear Functions	05	124846	3.047	1.286	0.462	0.943	60.940	
	Geometric Relationships and Spatial Reasoning	05	124846	3.044	1.378	0.495	0.979	60.880	
	Two- and Three-Dimensional Representations	05	124846	3.714	1.155	0.468	0.842	74.280	
	Measurement and Similarity	07	124846	3.760	1.883	0.635	1.138	53.714	
	Percents/Proportions/Probability/Statistics	05	124846	2.990	1.442	0.606	0.905	59.800	
	Mathematical Processes and Tools	09	124846	5.547	2.113	0.634	1.278	61.633	
	Social Studies	COMPLETE SUBTEST	50	123814	37.889	8.064	0.888	2.699	75.778
		Issues and Events in U.S. History	07	123814	4.757	1.624	0.518	1.127	67.957
Geographic Influences on History		12	123814	9.657	2.119	0.651	1.252	80.475	
Economic and Social Influences on History		07	123814	5.802	1.259	0.487	0.902	82.885	
Political Influences on History		12	123814	8.181	2.514	0.683	1.415	68.175	
Critical-Thinking Skills		12	123814	9.492	2.232	0.683	1.257	79.100	
Science	COMPLETE SUBTEST	55	123828	35.210	9.965	0.897	3.198	64.018	
	Nature of Science	17	123828	11.945	3.223	0.728	1.681	70.264	
	Organization of Living Systems	11	123828	6.870	2.432	0.654	1.431	62.454	
	Interdependence of Organisms and the Environment	11	123828	6.682	2.572	0.675	1.466	60.745	
	Structures and Properties of Matter	08	123828	4.362	1.942	0.554	1.297	54.525	
	Motion, Forces, and Energy	08	123828	5.351	1.797	0.543	1.215	66.887	

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	001097	58.135	7.397	0.876	2.605	91.054	
	Basic Understanding	08	001097	7.594	0.862	0.578	0.560	94.925	
	Literary Elements and Techniques	11	001097	8.531	1.439	0.603	0.907	88.462	
	Analysis and Evaluation	18	001097	13.741	1.828	0.668	1.053	92.675	
	Revising and Editing	20	001097	17.913	2.631	0.781	1.231	89.565	
Mathematics	COMPLETE SUBTEST	56	001086	38.414	10.835	0.921	3.045	68.596	
	Functional Relationships	05	001086	3.620	1.218	0.443	0.909	72.400	
	Properties and Attributes of Functions	05	001086	3.275	1.391	0.531	0.953	65.500	
	Linear Functions	05	001086	3.524	1.363	0.583	0.880	70.480	
	Linear Equations and Inequalities	05	001086	3.433	1.385	0.568	0.910	68.660	
	Quadratic and Other Nonlinear Functions	05	001086	3.321	1.263	0.457	0.931	66.420	
	Geometric Relationships and Spatial Reasoning	05	001086	3.325	1.300	0.469	0.947	66.500	
	Two- and Three-Dimensional Representations	05	001086	3.939	1.042	0.390	0.814	78.780	
	Measurement and Similarity	07	001086	4.377	1.850	0.637	1.115	62.528	
	Percents/Proportions/Probability/Statistics	05	001086	3.373	1.396	0.601	0.882	67.460	
	Mathematical Processes and Tools	09	001086	6.227	2.007	0.635	1.213	69.188	
	Social Studies	COMPLETE SUBTEST	50	001087	41.235	6.841	0.872	2.448	82.470
		Issues and Events in U.S. History	07	001087	5.159	1.510	0.510	1.057	73.700
Geographic Influences on History		12	001087	10.450	1.747	0.610	1.091	87.083	
Economic and Social Influences on History		07	001087	6.154	1.103	0.434	0.830	87.914	
Political Influences on History		12	001087	9.031	2.201	0.636	1.328	75.258	
Critical-Thinking Skills		12	001087	10.441	1.855	0.654	1.091	87.008	
Science	COMPLETE SUBTEST	55	001090	40.283	9.065	0.892	2.979	73.241	
	Nature of Science	17	001090	13.377	2.858	0.708	1.544	78.688	
	Organization of Living Systems	11	001090	7.968	2.203	0.632	1.336	72.436	
	Interdependence of Organisms and the Environment	11	001090	7.830	2.318	0.651	1.369	71.181	
	Structures and Properties of Matter	08	001090	5.140	1.887	0.566	1.243	64.250	
	Motion, Forces, and Energy	08	001090	5.968	1.616	0.508	1.134	74.600	

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 10 TAKS (Spring 2009) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	114631	59.506	6.786	0.868	2.465	92.729	
	Basic Understanding	08	114631	7.684	0.767	0.577	0.499	96.050	
	Literary Elements and Techniques	11	114631	8.712	1.326	0.599	0.840	90.562	
	Analysis and Evaluation	18	114631	13.970	1.679	0.648	0.996	94.083	
	Revising and Editing	20	114631	18.291	2.371	0.772	1.132	91.455	
Mathematics	COMPLETE SUBTEST	56	113904	40.806	10.631	0.925	2.911	72.867	
	Functional Relationships	05	113904	3.764	1.207	0.486	0.865	75.280	
	Properties and Attributes of Functions	05	113904	3.513	1.337	0.530	0.917	70.260	
	Linear Functions	05	113904	3.753	1.278	0.568	0.840	75.060	
	Linear Equations and Inequalities	05	113904	3.661	1.326	0.574	0.865	73.220	
	Quadratic and Other Nonlinear Functions	05	113904	3.486	1.273	0.509	0.892	69.720	
	Geometric Relationships and Spatial Reasoning	05	113904	3.523	1.269	0.485	0.911	70.460	
	Two- and Three-Dimensional Representations	05	113904	4.132	1.007	0.442	0.752	82.640	
	Measurement and Similarity	07	113904	4.734	1.812	0.648	1.075	67.628	
	Percents/Proportions/Probability/Statistics	05	113904	3.640	1.328	0.605	0.835	72.800	
	Mathematical Processes and Tools	09	113904	6.599	1.924	0.632	1.167	73.322	
	Social Studies	COMPLETE SUBTEST	50	113791	42.459	6.467	0.874	2.296	84.918
		Issues and Events in U.S. History	07	113791	5.386	1.437	0.504	1.012	76.942
Geographic Influences on History		12	113791	10.711	1.624	0.616	1.006	89.258	
Economic and Social Influences on History		07	113791	6.296	1.001	0.416	0.765	89.942	
Political Influences on History		12	113791	9.320	2.223	0.673	1.271	77.666	
Critical-Thinking Skills		12	113791	10.747	1.670	0.645	0.995	89.558	
Science	COMPLETE SUBTEST	55	113513	42.325	8.625	0.891	2.848	76.954	
	Nature of Science	17	113513	13.923	2.722	0.715	1.453	81.900	
	Organization of Living Systems	11	113513	8.330	2.116	0.631	1.285	75.727	
	Interdependence of Organisms and the Environment	11	113513	8.229	2.246	0.661	1.308	74.809	
	Structures and Properties of Matter	08	113513	5.557	1.846	0.584	1.191	69.462	
	Motion, Forces, and Energy	08	113513	6.286	1.499	0.489	1.072	78.575	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	265882	57.694	8.349	0.893	2.731	87.989	
	Basic Understanding	08	265882	7.151	1.120	0.484	0.805	89.387	
	Literary Elements and Techniques	11	265882	8.478	1.581	0.597	1.004	84.112	
	Analysis and Evaluation	18	265882	13.189	2.430	0.703	1.324	85.675	
	Revising and Editing	20	265882	18.074	2.605	0.788	1.199	90.370	
Mathematics	COMPLETE SUBTEST	60	261644	43.928	11.481	0.932	2.994	73.213	
	Functional Relationships	05	261644	3.870	1.184	0.548	0.796	77.400	
	Properties and Attributes of Functions	05	261644	3.720	1.336	0.587	0.859	74.400	
	Linear Functions	05	261644	3.731	1.311	0.575	0.855	74.620	
	Linear Equations and Inequalities	05	261644	3.994	1.117	0.468	0.815	79.880	
	Quadratic and Other Nonlinear Functions	05	261644	3.787	1.277	0.572	0.835	75.740	
	Geometric Relationships and Spatial Reasoning	07	261644	4.798	1.769	0.655	1.039	68.542	
	Two- and Three-Dimensional Representations	07	261644	5.338	1.443	0.543	0.975	76.257	
	Measurement and Similarity	07	261644	4.880	1.789	0.633	1.084	69.714	
	Percents/Proportions/Probability/Statistics	05	261644	3.616	1.316	0.573	0.860	72.320	
	Mathematical Processes and Tools	09	261644	6.195	2.015	0.633	1.221	68.833	
	Social Studies	COMPLETE SUBTEST	55	263438	45.906	7.979	0.900	2.523	83.465
		Issues and Events in U.S. History	13	263438	10.034	2.564	0.722	1.352	77.184
Geographic Influences on History		09	263438	7.640	1.552	0.587	0.997	84.888	
Economic and Social Influences on History		13	263438	11.017	2.062	0.663	1.197	84.746	
Political Influences on History		09	263438	7.599	1.599	0.608	1.001	84.433	
Science	Critical-Thinking Skills	11	263438	9.616	1.684	0.618	1.041	87.418	
	COMPLETE SUBTEST	55	262301	39.781	9.246	0.899	2.938	72.329	
	Nature of Science	17	262301	12.610	3.285	0.756	1.623	74.176	
	Organization of Living Systems	08	262301	5.466	1.754	0.576	1.142	68.325	
	Interdependence of Organisms and the Environment	08	262301	6.318	1.581	0.573	1.033	78.975	
	Structures and Properties of Matter	11	262301	7.665	2.287	0.663	1.328	69.681	
Motion, Forces, and Energy	11	262301	7.723	2.114	0.588	1.357	70.209		

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	133598	58.459	7.958	0.886	2.687	88.716	
	Basic Understanding	08	133598	7.189	1.098	0.482	0.790	89.862	
	Literary Elements and Techniques	11	133598	8.510	1.549	0.581	1.003	84.162	
	Analysis and Evaluation	18	133598	13.297	2.388	0.695	1.319	86.000	
	Revising and Editing	20	133598	18.341	2.356	0.769	1.132	91.705	
Mathematics	COMPLETE SUBTEST	60	131502	43.560	11.363	0.930	3.006	72.600	
	Functional Relationships	05	131502	3.860	1.158	0.525	0.798	77.200	
	Properties and Attributes of Functions	05	131502	3.716	1.314	0.571	0.861	74.320	
	Linear Functions	05	131502	3.773	1.304	0.580	0.845	75.460	
	Linear Equations and Inequalities	05	131502	3.990	1.099	0.450	0.815	79.800	
	Quadratic and Other Nonlinear Functions	05	131502	3.790	1.270	0.564	0.839	75.800	
	Geometric Relationships and Spatial Reasoning	07	131502	4.758	1.748	0.647	1.039	67.971	
	Two- and Three-Dimensional Representations	07	131502	5.241	1.457	0.544	0.984	74.871	
	Measurement and Similarity	07	131502	4.803	1.809	0.633	1.096	68.614	
	Percents/Proportions/Probability/Statistics	05	131502	3.532	1.334	0.576	0.869	70.640	
	Mathematical Processes and Tools	09	131502	6.097	1.995	0.618	1.233	67.744	
	Social Studies	COMPLETE SUBTEST	55	132078	44.880	8.066	0.894	2.626	81.600
		Issues and Events in U.S. History	13	132078	9.690	2.600	0.706	1.410	74.538
Geographic Influences on History		09	132078	7.433	1.607	0.573	1.050	82.588	
Economic and Social Influences on History		13	132078	10.819	2.100	0.652	1.239	83.223	
Political Influences on History		09	132078	7.507	1.614	0.597	1.025	83.411	
Critical-Thinking Skills		11	132078	9.430	1.735	0.610	1.084	85.727	
Science	COMPLETE SUBTEST	55	131638	38.946	9.139	0.894	2.975	70.810	
	Nature of Science	17	131638	12.400	3.260	0.745	1.646	72.941	
	Organization of Living Systems	08	131638	5.372	1.733	0.560	1.150	67.150	
	Interdependence of Organisms and the Environment	08	131638	6.159	1.615	0.563	1.068	76.987	
	Structures and Properties of Matter	11	131638	7.543	2.271	0.652	1.340	68.572	
	Motion, Forces, and Energy	11	131638	7.472	2.102	0.570	1.378	67.927	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) Male Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	132212	56.923	8.657	0.897	2.778	87.256	
	Basic Understanding	08	132212	7.113	1.140	0.485	0.818	88.912	
	Literary Elements and Techniques	11	132212	8.447	1.612	0.612	1.004	84.050	
	Analysis and Evaluation	18	132212	13.081	2.466	0.710	1.328	85.350	
	Revising and Editing	20	132212	17.803	2.809	0.798	1.262	89.015	
Mathematics	COMPLETE SUBTEST	60	130049	44.306	11.585	0.934	2.976	73.843	
	Functional Relationships	05	130049	3.880	1.211	0.571	0.793	77.600	
	Properties and Attributes of Functions	05	130049	3.724	1.358	0.605	0.853	74.480	
	Linear Functions	05	130049	3.688	1.317	0.571	0.863	73.760	
	Linear Equations and Inequalities	05	130049	3.998	1.134	0.485	0.814	79.960	
	Quadratic and Other Nonlinear Functions	05	130049	3.785	1.284	0.581	0.831	75.700	
	Geometric Relationships and Spatial Reasoning	07	130049	4.839	1.788	0.664	1.036	69.128	
	Two- and Three-Dimensional Representations	07	130049	5.436	1.421	0.540	0.964	77.657	
	Measurement and Similarity	07	130049	4.959	1.764	0.630	1.073	70.842	
	Percents/Proportions/Probability/Statistics	05	130049	3.702	1.292	0.567	0.850	74.040	
	Mathematical Processes and Tools	09	130049	6.295	2.030	0.646	1.208	69.944	
	Social Studies	COMPLETE SUBTEST	55	131269	46.941	7.751	0.903	2.414	85.347
		Issues and Events in U.S. History	13	131269	10.382	2.479	0.729	1.291	79.861
Geographic Influences on History		09	131269	7.848	1.466	0.590	0.939	87.200	
Economic and Social Influences on History		13	131269	11.216	2.004	0.670	1.151	86.276	
Political Influences on History		09	131269	7.692	1.578	0.615	0.979	85.466	
Critical-Thinking Skills		11	131269	9.803	1.610	0.622	0.990	89.118	
Science	COMPLETE SUBTEST	55	130573	40.626	9.274	0.903	2.888	73.865	
	Nature of Science	17	130573	12.822	3.296	0.766	1.594	75.423	
	Organization of Living Systems	08	130573	5.560	1.769	0.590	1.133	69.500	
	Interdependence of Organisms and the Environment	08	130573	6.479	1.529	0.575	0.997	80.987	
	Structures and Properties of Matter	11	130573	7.789	2.296	0.674	1.311	70.809	
	Motion, Forces, and Energy	11	130573	7.976	2.095	0.596	1.332	72.509	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) African American Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	036864	55.375	8.806	0.890	2.921	85.050	
	Basic Understanding	08	036864	7.001	1.186	0.470	0.863	87.512	
	Literary Elements and Techniques	11	036864	8.077	1.725	0.600	1.091	80.000	
	Analysis and Evaluation	18	036864	12.580	2.631	0.713	1.409	82.066	
	Revising and Editing	20	036864	17.574	2.887	0.788	1.329	87.870	
Mathematics	COMPLETE SUBTEST	60	036039	38.989	11.749	0.924	3.239	64.981	
	Functional Relationships	05	036039	3.571	1.250	0.523	0.863	71.420	
	Properties and Attributes of Functions	05	036039	3.301	1.405	0.550	0.943	66.020	
	Linear Functions	05	036039	3.369	1.398	0.562	0.925	67.380	
	Linear Equations and Inequalities	05	036039	3.684	1.211	0.456	0.893	73.680	
	Quadratic and Other Nonlinear Functions	05	036039	3.465	1.361	0.551	0.912	69.300	
	Geometric Relationships and Spatial Reasoning	07	036039	4.182	1.769	0.608	1.108	59.742	
	Two- and Three-Dimensional Representations	07	036039	4.662	1.589	0.535	1.084	66.600	
	Measurement and Similarity	07	036039	4.139	1.824	0.582	1.179	59.128	
	Percents/Proportions/Probability/Statistics	05	036039	3.167	1.379	0.553	0.922	63.340	
	Mathematical Processes and Tools	09	036039	5.450	2.070	0.604	1.303	60.555	
	Social Studies	COMPLETE SUBTEST	55	036343	43.311	8.364	0.889	2.787	78.747
		Issues and Events in U.S. History	13	036343	9.307	2.624	0.686	1.470	71.592
Geographic Influences on History		09	036343	7.163	1.684	0.567	1.108	79.588	
Economic and Social Influences on History		13	036343	10.534	2.185	0.643	1.306	81.030	
Political Influences on History		09	036343	7.314	1.668	0.580	1.081	81.266	
Critical-Thinking Skills		11	036343	8.993	1.907	0.601	1.205	81.754	
Science	COMPLETE SUBTEST	55	036203	36.302	9.300	0.887	3.126	66.003	
	Nature of Science	17	036203	11.416	3.358	0.728	1.751	67.152	
	Organization of Living Systems	08	036203	4.989	1.808	0.563	1.195	62.362	
	Interdependence of Organisms and the Environment	08	036203	5.882	1.698	0.558	1.129	73.525	
	Structures and Properties of Matter	11	036203	7.015	2.292	0.630	1.394	63.772	
	Motion, Forces, and Energy	11	036203	7.000	2.123	0.542	1.437	63.636	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	73	010587	60.690	7.717	0.891	2.548	91.504	
	Basic Understanding	08	010587	7.384	0.994	0.504	0.700	92.300	
	Literary Elements and Techniques	11	010587	8.881	1.391	0.591	0.890	88.512	
	Analysis and Evaluation	18	010587	13.897	2.155	0.692	1.196	89.666	
	Revising and Editing	20	010587	18.697	2.223	0.796	1.004	93.485	
Mathematics	COMPLETE SUBTEST	60	010552	51.059	9.131	0.930	2.416	85.098	
	Functional Relationships	05	010552	4.454	0.912	0.556	0.608	89.080	
	Properties and Attributes of Functions	05	010552	4.410	0.977	0.578	0.635	88.200	
	Linear Functions	05	010552	4.363	0.989	0.550	0.663	87.260	
	Linear Equations and Inequalities	05	010552	4.445	0.866	0.450	0.642	88.900	
	Quadratic and Other Nonlinear Functions	05	010552	4.439	0.932	0.557	0.620	88.780	
	Geometric Relationships and Spatial Reasoning	07	010552	5.737	1.469	0.653	0.865	81.957	
	Two- and Three-Dimensional Representations	07	010552	5.868	1.230	0.517	0.855	83.828	
	Measurement and Similarity	07	010552	5.812	1.460	0.632	0.886	83.028	
	Percents/Proportions/Probability/Statistics	05	010552	4.267	1.057	0.573	0.691	85.340	
	Mathematical Processes and Tools	09	010552	7.263	1.742	0.641	1.044	80.700	
	Social Studies	COMPLETE SUBTEST	55	010559	49.105	6.656	0.901	2.094	89.281
		Issues and Events in U.S. History	13	010559	11.170	2.109	0.714	1.128	85.923
Geographic Influences on History		09	010559	8.105	1.280	0.580	0.830	90.055	
Economic and Social Influences on History		13	010559	11.588	1.805	0.677	1.026	89.138	
Political Influences on History		09	010559	8.118	1.328	0.624	0.814	90.200	
Critical-Thinking Skills		11	010559	10.124	1.377	0.631	0.836	92.036	
Science	COMPLETE SUBTEST	55	010557	44.499	8.239	0.900	2.605	80.907	
	Nature of Science	17	010557	13.864	2.915	0.754	1.446	81.552	
	Organization of Living Systems	08	010557	6.350	1.601	0.608	1.002	79.375	
	Interdependence of Organisms and the Environment	08	010557	6.767	1.375	0.559	0.913	84.587	
	Structures and Properties of Matter	11	010557	8.817	2.016	0.667	1.163	80.154	
	Motion, Forces, and Energy	11	010557	8.701	1.919	0.598	1.217	79.100	

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2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) Hispanic Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	109167	55.740	9.084	0.901	2.858	85.256	
	Basic Understanding	08	109167	6.951	1.262	0.517	0.877	86.887	
	Literary Elements and Techniques	11	109167	8.214	1.720	0.612	1.071	81.050	
	Analysis and Evaluation	18	109167	12.772	2.639	0.719	1.399	82.650	
	Revising and Editing	20	109167	17.571	2.913	0.794	1.322	87.855	
Mathematics	COMPLETE SUBTEST	60	107203	41.512	11.581	0.927	3.129	69.186	
	Functional Relationships	05	107203	3.629	1.229	0.524	0.848	72.580	
	Properties and Attributes of Functions	05	107203	3.493	1.382	0.567	0.909	69.860	
	Linear Functions	05	107203	3.571	1.362	0.578	0.885	71.420	
	Linear Equations and Inequalities	05	107203	3.835	1.163	0.460	0.855	76.700	
	Quadratic and Other Nonlinear Functions	05	107203	3.569	1.336	0.559	0.887	71.380	
	Geometric Relationships and Spatial Reasoning	07	107203	4.420	1.785	0.629	1.087	63.142	
	Two- and Three-Dimensional Representations	07	107203	5.185	1.460	0.531	1.000	74.071	
	Measurement and Similarity	07	107203	4.566	1.811	0.609	1.132	65.228	
	Percents/Proportions/Probability/Statistics	05	107203	3.402	1.347	0.560	0.893	68.040	
	Mathematical Processes and Tools	09	107203	5.841	2.018	0.607	1.265	64.900	
	Social Studies	COMPLETE SUBTEST	55	107707	43.912	8.473	0.897	2.719	79.840
		Issues and Events in U.S. History	13	107707	9.448	2.657	0.706	1.441	72.676
Geographic Influences on History		09	107707	7.323	1.675	0.586	1.078	81.366	
Economic and Social Influences on History		13	107707	10.556	2.241	0.668	1.291	81.200	
Political Influences on History		09	107707	7.295	1.720	0.606	1.080	81.055	
Critical-Thinking Skills		11	107707	9.289	1.801	0.607	1.129	84.445	
Science	COMPLETE SUBTEST	55	107338	37.059	9.258	0.889	3.084	67.380	
	Nature of Science	17	107338	11.702	3.385	0.743	1.716	68.835	
	Organization of Living Systems	08	107338	5.073	1.730	0.536	1.178	63.412	
	Interdependence of Organisms and the Environment	08	107338	5.940	1.665	0.554	1.112	74.250	
	Structures and Properties of Matter	11	107338	7.115	2.309	0.643	1.380	64.681	
	Motion, Forces, and Energy	11	107338	7.229	2.110	0.555	1.408	65.718	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) Native American Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	000954	58.805	7.011	0.861	2.614	89.733	
	Basic Understanding	08	000954	7.247	0.958	0.346	0.775	90.587	
	Literary Elements and Techniques	11	000954	8.695	1.316	0.466	0.962	86.962	
	Analysis and Evaluation	18	000954	13.414	2.170	0.655	1.275	87.616	
	Revising and Editing	20	000954	18.354	2.200	0.733	1.137	91.770	
Mathematics	COMPLETE SUBTEST	60	000949	44.481	11.070	0.928	2.970	74.135	
	Functional Relationships	05	000949	3.935	1.130	0.510	0.791	78.700	
	Properties and Attributes of Functions	05	000949	3.736	1.349	0.602	0.851	74.720	
	Linear Functions	05	000949	3.702	1.284	0.539	0.872	74.040	
	Linear Equations and Inequalities	05	000949	4.051	1.059	0.416	0.809	81.020	
	Quadratic and Other Nonlinear Functions	05	000949	3.831	1.266	0.585	0.816	76.620	
	Geometric Relationships and Spatial Reasoning	07	000949	4.913	1.775	0.673	1.015	70.185	
	Two- and Three-Dimensional Representations	07	000949	5.464	1.352	0.496	0.960	78.057	
	Measurement and Similarity	07	000949	4.973	1.696	0.590	1.086	71.042	
	Percents/Proportions/Probability/Statistics	05	000949	3.621	1.274	0.528	0.875	72.420	
	Mathematical Processes and Tools	09	000949	6.257	1.932	0.604	1.216	69.522	
	Social Studies	COMPLETE SUBTEST	55	000952	47.125	7.110	0.886	2.401	85.681
		Issues and Events in U.S. History	13	000952	10.284	2.433	0.708	1.315	79.107
Geographic Influences on History		09	000952	7.871	1.400	0.555	0.934	87.455	
Economic and Social Influences on History		13	000952	11.353	1.828	0.623	1.122	87.330	
Political Influences on History		09	000952	7.732	1.495	0.582	0.967	85.911	
Critical-Thinking Skills		11	000952	9.886	1.483	0.577	0.965	89.872	
Science	COMPLETE SUBTEST	55	000943	41.090	8.533	0.887	2.868	74.709	
	Nature of Science	17	000943	13.130	2.991	0.727	1.563	77.235	
	Organization of Living Systems	08	000943	5.606	1.705	0.560	1.131	70.075	
	Interdependence of Organisms and the Environment	08	000943	6.573	1.410	0.512	0.985	82.162	
	Structures and Properties of Matter	11	000943	7.818	2.192	0.638	1.319	71.072	
	Motion, Forces, and Energy	11	000943	7.964	2.066	0.584	1.333	72.400	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 11 TAKS (Spring 2009) White Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	73	108184	60.158	6.524	0.851	2.518	91.395	
	Basic Understanding	08	108184	7.382	0.885	0.358	0.709	92.275	
	Literary Elements and Techniques	11	108184	8.842	1.288	0.507	0.904	88.150	
	Analysis and Evaluation	18	108184	13.748	1.987	0.628	1.212	89.558	
	Revising and Editing	20	108184	18.689	1.993	0.736	1.024	93.445	
Mathematics	COMPLETE SUBTEST	60	106770	47.323	10.075	0.923	2.796	78.871	
	Functional Relationships	05	106770	4.155	1.045	0.520	0.724	83.100	
	Properties and Attributes of Functions	05	106770	4.021	1.195	0.564	0.789	80.420	
	Linear Functions	05	106770	3.952	1.191	0.536	0.811	79.040	
	Linear Equations and Inequalities	05	106770	4.213	0.995	0.426	0.754	84.260	
	Quadratic and Other Nonlinear Functions	05	106770	4.051	1.133	0.537	0.771	81.020	
	Geometric Relationships and Spatial Reasoning	07	106770	5.294	1.599	0.629	0.974	75.628	
	Two- and Three-Dimensional Representations	07	106770	5.667	1.274	0.481	0.918	80.957	
	Measurement and Similarity	07	106770	5.354	1.607	0.602	1.014	76.485	
	Percents/Proportions/Probability/Statistics	05	106770	3.919	1.186	0.531	0.812	78.380	
	Mathematical Processes and Tools	09	106770	6.697	1.842	0.606	1.156	74.411	
	Social Studies	COMPLETE SUBTEST	55	107744	48.457	6.449	0.879	2.243	88.103
		Issues and Events in U.S. History	13	107744	10.754	2.242	0.699	1.230	82.723
Geographic Influences on History		09	107744	8.071	1.250	0.515	0.871	89.677	
Economic and Social Influences on History		13	107744	11.582	1.663	0.592	1.062	89.092	
Political Influences on History		09	107744	7.948	1.374	0.568	0.903	88.311	
Critical-Thinking Skills		11	107744	10.102	1.326	0.549	0.890	91.836	
Science	COMPLETE SUBTEST	55	107128	43.217	7.821	0.877	2.743	78.576	
	Nature of Science	17	107128	13.797	2.705	0.699	1.484	81.158	
	Organization of Living Systems	08	107128	5.933	1.618	0.544	1.093	74.162	
	Interdependence of Organisms and the Environment	08	107128	6.800	1.304	0.502	0.920	85.000	
	Structures and Properties of Matter	11	107128	8.322	2.056	0.623	1.262	75.654	
	Motion, Forces, and Energy	11	107128	8.365	1.901	0.545	1.282	76.045	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 Spanish TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	034943	28.348	5.958	0.864	2.197	78.744
	Basic Understanding	15	034943	11.528	2.835	0.735	1.459	76.853
	Applying Knowledge of Literary Elements	07	034943	5.966	1.184	0.480	0.854	85.228
	Using Strategies to Analyze	06	034943	4.849	1.180	0.438	0.885	80.816
	Applying Critical-Thinking Skills	08	034943	6.004	1.855	0.662	1.078	75.050
Mathematics	COMPLETE SUBTEST	40	026250	30.994	6.848	0.888	2.292	77.485
	Numbers, Operations, and Quantitative Reasoning	10	026250	7.868	2.020	0.693	1.119	78.680
	Patterns, Relationships, and Algebraic Reasoning	06	026250	4.891	1.230	0.517	0.855	81.516
	Geometry and Spatial Reasoning	06	026250	4.986	1.179	0.500	0.834	83.100
	Concepts and Uses of Measurement	06	026250	4.580	1.345	0.551	0.901	76.333
	Probability and Statistics	04	026250	3.300	0.837	0.354	0.673	82.500
	Mathematical Processes and Tools	08	026250	5.368	1.978	0.673	1.131	67.100

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 Spanish TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	017462	29.191	5.457	0.849	2.121	81.086
	Basic Understanding	15	017462	11.845	2.640	0.712	1.417	78.966
	Applying Knowledge of Literary Elements	07	017462	6.123	1.070	0.437	0.803	87.471
	Using Strategies to Analyze	06	017462	4.969	1.104	0.402	0.854	82.816
	Applying Critical-Thinking Skills	08	017462	6.254	1.742	0.645	1.038	78.175
Mathematics	COMPLETE SUBTEST	40	013068	30.849	6.781	0.885	2.300	77.122
	Numbers, Operations, and Quantitative Reasoning	10	013068	7.833	1.993	0.684	1.120	78.330
	Patterns, Relationships, and Algebraic Reasoning	06	013068	4.905	1.200	0.502	0.847	81.750
	Geometry and Spatial Reasoning	06	013068	4.874	1.203	0.501	0.850	81.233
	Concepts and Uses of Measurement	06	013068	4.512	1.358	0.546	0.915	75.200
	Probability and Statistics	04	013068	3.324	0.814	0.347	0.658	83.100
	Mathematical Processes and Tools	08	013068	5.401	1.972	0.673	1.128	67.512

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 03 Spanish TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	36	017474	27.507	6.307	0.870	2.274	76.408
	Basic Understanding	15	017474	11.212	2.983	0.746	1.503	74.746
	Applying Knowledge of Literary Elements	07	017474	5.810	1.269	0.495	0.902	83.000
	Using Strategies to Analyze	06	017474	4.730	1.239	0.457	0.913	78.833
	Applying Critical-Thinking Skills	08	017474	5.755	1.929	0.665	1.116	71.937
Mathematics	COMPLETE SUBTEST	40	013172	31.141	6.908	0.891	2.281	77.852
	Numbers, Operations, and Quantitative Reasoning	10	013172	7.904	2.045	0.704	1.113	79.040
	Patterns, Relationships, and Algebraic Reasoning	06	013172	4.876	1.258	0.531	0.862	81.266
	Geometry and Spatial Reasoning	06	013172	5.098	1.144	0.499	0.810	84.966
	Concepts and Uses of Measurement	06	013172	4.649	1.327	0.555	0.885	77.483
	Probability and Statistics	04	013172	3.277	0.858	0.361	0.686	81.925
	Mathematical Processes and Tools	08	013172	5.336	1.984	0.673	1.135	66.700

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 Spanish TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	018539	30.027	6.851	0.871	2.461	75.067
	Basic Understanding	15	018539	11.469	2.738	0.699	1.502	76.460
	Applying Knowledge of Literary Elements	08	018539	6.087	1.711	0.606	1.074	76.087
	Using Strategies to Analyze	07	018539	5.157	1.506	0.493	1.072	73.671
	Applying Critical-Thinking Skills	10	018539	7.313	2.088	0.651	1.234	73.130
Mathematics	COMPLETE SUBTEST	42	014238	32.025	7.587	0.897	2.435	76.250
	Numbers, Operations, and Quantitative Reasoning	11	014238	8.816	2.285	0.743	1.158	80.145
	Patterns, Relationships, and Algebraic Reasoning	07	014238	5.676	1.516	0.647	0.901	81.085
	Geometry and Spatial Reasoning	06	014238	4.368	1.323	0.465	0.968	72.800
	Concepts and Uses of Measurement	06	014238	4.492	1.404	0.556	0.936	74.866
	Probability and Statistics	04	014238	3.061	1.101	0.586	0.708	76.525
Writing	Mathematical Processes and Tools	08	014238	5.612	1.920	0.641	1.150	70.150
	COMPLETE SUBTEST	32	019818	26.143	4.213	0.822	1.777	85.135
	Appropriate Organization of Ideas	04	019818	3.498	0.799	0.437	0.600	87.450
	Correct and Effective Sentence Construction	08	019818	6.534	1.584	0.606	0.994	81.675
	Standard Usage and Appropriate Word Choice	08	019818	7.187	1.149	0.526	0.791	89.837
	Proofreading for Punctuation, Capitalization, and Spelling	08	019818	6.620	1.487	0.563	0.983	82.750

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 Spanish TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	009235	30.938	6.306	0.856	2.393	77.345
	Basic Understanding	15	009235	11.819	2.540	0.671	1.457	78.793
	Applying Knowledge of Literary Elements	08	009235	6.265	1.606	0.583	1.037	78.312
	Using Strategies to Analyze	07	009235	5.308	1.427	0.461	1.048	75.828
	Applying Critical-Thinking Skills	10	009235	7.546	1.946	0.620	1.200	75.460
Mathematics	COMPLETE SUBTEST	42	007036	31.903	7.443	0.892	2.446	75.959
	Numbers, Operations, and Quantitative Reasoning	11	007036	8.781	2.264	0.735	1.165	79.827
	Patterns, Relationships, and Algebraic Reasoning	07	007036	5.708	1.486	0.636	0.897	81.542
	Geometry and Spatial Reasoning	06	007036	4.322	1.313	0.454	0.970	72.033
	Concepts and Uses of Measurement	06	007036	4.417	1.422	0.557	0.946	73.616
	Probability and Statistics	04	007036	3.085	1.085	0.580	0.703	77.125
	Mathematical Processes and Tools	08	007036	5.591	1.901	0.630	1.156	69.887
Writing	COMPLETE SUBTEST	32	009864	26.953	3.671	0.793	1.670	87.632
	Appropriate Organization of Ideas	04	009864	3.581	0.716	0.378	0.565	89.525
	Correct and Effective Sentence Construction	08	009864	6.769	1.427	0.570	0.936	84.612
	Standard Usage and Appropriate Word Choice	08	009864	7.328	1.022	0.484	0.734	91.600
	Proofreading for Punctuation, Capitalization, and Spelling	08	009864	6.859	1.320	0.513	0.921	85.737

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 04 Spanish TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	40	009292	29.124	7.242	0.878	2.530	72.810
	Basic Understanding	15	009292	11.123	2.880	0.713	1.543	74.153
	Applying Knowledge of Literary Elements	08	009292	5.912	1.791	0.617	1.108	73.900
	Using Strategies to Analyze	07	009292	5.006	1.568	0.512	1.095	71.514
	Applying Critical-Thinking Skills	10	009292	7.083	2.197	0.670	1.262	70.830
Mathematics	COMPLETE SUBTEST	42	007192	32.152	7.721	0.902	2.417	76.552
	Numbers, Operations, and Quantitative Reasoning	11	007192	8.853	2.305	0.750	1.152	80.481
	Patterns, Relationships, and Algebraic Reasoning	07	007192	5.645	1.544	0.656	0.906	80.642
	Geometry and Spatial Reasoning	06	007192	4.415	1.331	0.477	0.963	73.583
	Concepts and Uses of Measurement	06	007192	4.567	1.382	0.554	0.923	76.116
	Probability and Statistics	04	007192	3.038	1.115	0.593	0.711	75.950
	Mathematical Processes and Tools	08	007192	5.635	1.937	0.652	1.143	70.437
Writing	COMPLETE SUBTEST	32	009948	25.340	4.550	0.831	1.870	82.664
	Appropriate Organization of Ideas	04	009948	3.415	0.865	0.463	0.634	85.375
	Correct and Effective Sentence Construction	08	009948	6.302	1.695	0.619	1.046	78.775
	Standard Usage and Appropriate Word Choice	08	009948	7.046	1.248	0.543	0.844	88.075
	Proofreading for Punctuation, Capitalization, and Spelling	08	009948	6.383	1.601	0.577	1.041	79.787

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 Spanish TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	007711	29.518	7.264	0.867	2.649	70.280
	Basic Understanding	13	007711	9.629	2.308	0.638	1.389	74.069
	Applying Knowledge of Literary Elements	08	007711	5.628	1.787	0.572	1.169	70.350
	Using Strategies to Analyze	08	007711	5.757	1.730	0.549	1.162	71.962
	Applying Critical-Thinking Skills	13	007711	8.503	2.738	0.681	1.546	65.407
Mathematics	COMPLETE SUBTEST	44	004603	27.421	9.486	0.914	2.782	62.320
	Numbers, Operations, and Quantitative Reasoning	11	004603	6.888	2.981	0.792	1.360	62.618
	Patterns, Relationships, and Algebraic Reasoning	07	004603	4.153	1.857	0.642	1.111	59.328
	Geometry and Spatial Reasoning	07	004603	5.021	1.643	0.584	1.060	71.728
	Concepts and Uses of Measurement	07	004603	4.308	1.933	0.681	1.092	61.542
	Probability and Statistics	04	004603	2.733	1.086	0.438	0.814	68.325
	Mathematical Processes and Tools	08	004603	4.318	2.007	0.622	1.234	53.975
	Science	COMPLETE SUBTEST	40	003261	27.591	6.698	0.845	2.637
Nature of Science	13	003261	9.573	2.423	0.660	1.413	73.638	
Life Sciences	09	003261	6.759	1.785	0.551	1.196	75.100	
Physical Sciences	09	003261	6.114	1.918	0.562	1.269	67.933	
Earth Sciences	09	003261	5.144	2.055	0.550	1.379	57.155	

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 Spanish TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	003987	30.212	7.030	0.862	2.612	71.933
	Basic Understanding	13	003987	9.848	2.234	0.625	1.368	75.753
	Applying Knowledge of Literary Elements	08	003987	5.759	1.733	0.559	1.151	71.987
	Using Strategies to Analyze	08	003987	5.894	1.665	0.527	1.145	73.675
	Applying Critical-Thinking Skills	13	003987	8.711	2.693	0.680	1.523	67.007
Mathematics	COMPLETE SUBTEST	44	002353	27.356	9.330	0.912	2.768	62.172
	Numbers, Operations, and Quantitative Reasoning	11	002353	6.904	2.951	0.791	1.349	62.763
	Patterns, Relationships, and Algebraic Reasoning	07	002353	4.102	1.837	0.638	1.105	58.600
	Geometry and Spatial Reasoning	07	002353	5.013	1.649	0.587	1.060	71.614
	Concepts and Uses of Measurement	07	002353	4.286	1.907	0.674	1.089	61.228
	Probability and Statistics	04	002353	2.778	1.058	0.433	0.797	69.450
	Mathematical Processes and Tools	08	002353	4.274	1.984	0.614	1.233	53.425
Science	COMPLETE SUBTEST	40	001619	27.134	6.451	0.830	2.660	67.835
	Nature of Science	13	001619	9.473	2.381	0.649	1.411	72.869
	Life Sciences	09	001619	6.683	1.721	0.502	1.214	74.255
	Physical Sciences	09	001619	6.022	1.893	0.540	1.284	66.911
	Earth Sciences	09	001619	4.957	2.021	0.527	1.390	55.077

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 05 Spanish TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	003719	28.775	7.437	0.869	2.692	68.511
	Basic Understanding	13	003719	9.395	2.364	0.646	1.407	72.269
	Applying Knowledge of Literary Elements	08	003719	5.488	1.831	0.583	1.182	68.600
	Using Strategies to Analyze	08	003719	5.611	1.787	0.566	1.177	70.137
	Applying Critical-Thinking Skills	13	003719	8.281	2.768	0.679	1.568	63.700
Mathematics	COMPLETE SUBTEST	44	002242	27.506	9.640	0.917	2.777	62.513
	Numbers, Operations, and Quantitative Reasoning	11	002242	6.878	3.011	0.794	1.367	62.527
	Patterns, Relationships, and Algebraic Reasoning	07	002242	4.211	1.877	0.646	1.117	60.157
	Geometry and Spatial Reasoning	07	002242	5.030	1.638	0.584	1.056	71.857
	Concepts and Uses of Measurement	07	002242	4.332	1.959	0.688	1.094	61.885
	Probability and Statistics	04	002242	2.688	1.110	0.441	0.830	67.200
	Mathematical Processes and Tools	08	002242	4.367	2.028	0.630	1.234	54.587
Science	COMPLETE SUBTEST	40	001633	28.037	6.917	0.857	2.616	70.092
	Nature of Science	13	001633	9.667	2.465	0.672	1.412	74.361
	Life Sciences	09	001633	6.835	1.841	0.591	1.177	75.944
	Physical Sciences	09	001633	6.208	1.941	0.586	1.249	68.977
	Earth Sciences	09	001633	5.326	2.075	0.569	1.362	59.177

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 Spanish TAKS (Spring 2009) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	000736	29.636	8.218	0.898	2.625	70.561
	Basic Understanding	13	000736	9.515	2.737	0.730	1.422	73.192
	Applying Knowledge of Literary Elements	08	000736	5.709	1.964	0.677	1.116	71.362
	Using Strategies to Analyze	08	000736	5.219	1.914	0.599	1.212	65.237
	Applying Critical-Thinking Skills	13	000736	9.193	2.811	0.728	1.466	70.715
Mathematics	COMPLETE SUBTEST	46	000620	30.368	8.975	0.901	2.824	66.017
	Numbers, Operations, and Quantitative Reasoning	10	000620	6.500	2.651	0.764	1.288	65.000
	Patterns, Relationships, and Algebraic Reasoning	09	000620	6.461	2.232	0.723	1.175	71.788
	Geometry and Spatial Reasoning	07	000620	4.124	1.552	0.465	1.135	58.914
	Concepts and Uses of Measurement	05	000620	3.192	1.251	0.405	0.965	63.840
	Probability and Statistics	06	000620	4.352	1.367	0.523	0.944	72.533
	Mathematical Processes and Tools	09	000620	5.739	2.218	0.672	1.270	63.766

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 Spanish TAKS (Spring 2009) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	000364	30.709	7.844	0.894	2.554	73.116
	Basic Understanding	13	000364	9.799	2.617	0.720	1.385	75.376
	Applying Knowledge of Literary Elements	08	000364	5.956	1.845	0.653	1.087	74.450
	Using Strategies to Analyze	08	000364	5.484	1.837	0.588	1.179	68.550
	Applying Critical-Thinking Skills	13	000364	9.470	2.716	0.723	1.429	72.846
Mathematics	COMPLETE SUBTEST	46	000302	30.536	9.221	0.908	2.797	66.382
	Numbers, Operations, and Quantitative Reasoning	10	000302	6.586	2.710	0.781	1.268	65.860
	Patterns, Relationships, and Algebraic Reasoning	09	000302	6.523	2.276	0.745	1.149	72.477
	Geometry and Spatial Reasoning	07	000302	4.169	1.589	0.501	1.122	59.557
	Concepts and Uses of Measurement	05	000302	3.079	1.252	0.373	0.991	61.580
	Probability and Statistics	06	000302	4.397	1.398	0.561	0.926	73.283
	Mathematical Processes and Tools	09	000302	5.781	2.166	0.653	1.276	64.233

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 Spanish TAKS (Spring 2009) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	42	000370	28.565	8.442	0.898	2.696	68.011
	Basic Understanding	13	000370	9.230	2.825	0.735	1.454	71.000
	Applying Knowledge of Literary Elements	08	000370	5.462	2.049	0.690	1.141	68.275
	Using Strategies to Analyze	08	000370	4.954	1.952	0.596	1.241	61.925
	Applying Critical-Thinking Skills	13	000370	8.919	2.880	0.729	1.499	68.607
Mathematics	COMPLETE SUBTEST	46	000316	30.149	8.741	0.895	2.832	65.541
	Numbers, Operations, and Quantitative Reasoning	10	000316	6.405	2.597	0.749	1.301	64.050
	Patterns, Relationships, and Algebraic Reasoning	09	000316	6.396	2.196	0.707	1.189	71.066
	Geometry and Spatial Reasoning	07	000316	4.073	1.518	0.434	1.142	58.185
	Concepts and Uses of Measurement	05	000316	3.288	1.238	0.431	0.934	65.760
	Probability and Statistics	06	000316	4.304	1.341	0.492	0.956	71.733
	Mathematical Processes and Tools	09	000316	5.684	2.269	0.692	1.259	63.155

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only