

TAKS–M
2010 Mean P-Values and
Internal Consistency Values
By Objective and Subject Area

Grade 03 TAKS-M (Spring 2010) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	012903	20.464	5.461	0.827	2.271	68.213
	Basic Understanding	13	012903	8.428	2.476	0.611	1.544	64.830
	Applying Knowledge of Literary Elements	06	012903	4.435	1.405	0.530	0.963	73.916
	Using Strategies to Analyze	05	012903	3.551	1.220	0.431	0.920	71.020
	Applying Critical-Thinking Skills	06	012903	4.051	1.569	0.608	0.982	67.516
Mathematics	COMPLETE SUBTEST	32	011567	20.397	5.633	0.820	2.390	63.740
	Numbers, Operations, and Quantitative Reasoning	08	011567	4.986	1.727	0.506	1.214	62.325
	Patterns, Relationships, and Algebraic Reasoning	05	011567	3.480	1.167	0.380	0.919	69.600
	Geometry and Spatial Reasoning	05	011567	4.054	1.107	0.498	0.784	81.080
	Concepts and Uses of Measurement	05	011567	2.901	1.311	0.495	0.932	58.020
	Probability and Statistics	03	011567	1.852	0.994	0.443	0.742	61.733
	Mathematical Processes and Tools	06	011567	3.125	1.441	0.365	1.148	52.083

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 03 TAKS-M (Spring 2010) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	004101	20.718	5.436	0.829	2.248	69.060
	Basic Understanding	13	004101	8.487	2.460	0.606	1.544	65.284
	Applying Knowledge of Literary Elements	06	004101	4.488	1.385	0.533	0.946	74.800
	Using Strategies to Analyze	05	004101	3.640	1.216	0.463	0.891	72.800
	Applying Critical-Thinking Skills	06	004101	4.102	1.556	0.606	0.977	68.366
Mathematics	COMPLETE SUBTEST	32	003958	19.969	5.499	0.808	2.410	62.403
	Numbers, Operations, and Quantitative Reasoning	08	003958	4.794	1.685	0.460	1.238	59.925
	Patterns, Relationships, and Algebraic Reasoning	05	003958	3.450	1.177	0.387	0.922	69.000
	Geometry and Spatial Reasoning	05	003958	4.063	1.105	0.509	0.774	81.260
	Concepts and Uses of Measurement	05	003958	2.825	1.321	0.488	0.945	56.500
	Probability and Statistics	03	003958	1.781	0.982	0.418	0.749	59.366
	Mathematical Processes and Tools	06	003958	3.055	1.385	0.309	1.151	50.916

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3 Multiple-choice and gridded items only

Grade 03 TAKS-M (Spring 2010) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	008774	20.351	5.467	0.826	2.280	67.836
	Basic Understanding	13	008774	8.402	2.483	0.613	1.545	64.630
	Applying Knowledge of Literary Elements	06	008774	4.411	1.412	0.527	0.971	73.516
	Using Strategies to Analyze	05	008774	3.509	1.220	0.415	0.933	70.180
	Applying Critical-Thinking Skills	06	008774	4.029	1.574	0.608	0.985	67.150
Mathematics	COMPLETE SUBTEST	32	007585	20.633	5.687	0.825	2.379	64.478
	Numbers, Operations, and Quantitative Reasoning	08	007585	5.089	1.740	0.524	1.200	63.612
	Patterns, Relationships, and Algebraic Reasoning	05	007585	3.497	1.161	0.378	0.916	69.940
	Geometry and Spatial Reasoning	05	007585	4.052	1.107	0.494	0.787	81.040
	Concepts and Uses of Measurement	05	007585	2.942	1.303	0.500	0.921	58.840
	Probability and Statistics	03	007585	1.890	0.998	0.458	0.735	63.000
	Mathematical Processes and Tools	06	007585	3.164	1.468	0.391	1.146	52.733

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-M (Spring 2010) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	002677	20.475	5.462	0.828	2.265	68.250
	Basic Understanding	13	002677	8.456	2.448	0.601	1.546	65.046
	Applying Knowledge of Literary Elements	06	002677	4.422	1.428	0.549	0.959	73.700
	Using Strategies to Analyze	05	002677	3.559	1.228	0.442	0.917	71.180
	Applying Critical-Thinking Skills	06	002677	4.038	1.586	0.620	0.978	67.300
Mathematics	COMPLETE SUBTEST	32	002499	19.824	5.495	0.806	2.420	61.950
	Numbers, Operations, and Quantitative Reasoning	08	002499	4.905	1.710	0.488	1.224	61.312
	Patterns, Relationships, and Algebraic Reasoning	05	002499	3.423	1.164	0.363	0.929	68.460
	Geometry and Spatial Reasoning	05	002499	3.979	1.115	0.467	0.814	79.580
	Concepts and Uses of Measurement	05	002499	2.717	1.290	0.456	0.951	54.340
	Probability and Statistics	03	002499	1.773	0.987	0.420	0.752	59.100
	Mathematical Processes and Tools	06	002499	3.026	1.408	0.331	1.152	50.433

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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-M (Spring 2010) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	000166	19.488	6.293	0.870	2.269	64.960
	Basic Understanding	13	000166	8.163	2.829	0.710	1.523	62.792
	Applying Knowledge of Literary Elements	06	000166	4.066	1.558	0.577	1.013	67.766
	Using Strategies to Analyze	05	000166	3.512	1.210	0.420	0.922	70.240
	Applying Critical-Thinking Skills	06	000166	3.747	1.690	0.644	1.008	62.450
Mathematics	COMPLETE SUBTEST	32	000143	21.182	5.582	0.823	2.348	66.193
	Numbers, Operations, and Quantitative Reasoning	08	000143	5.273	1.720	0.500	1.216	65.912
	Patterns, Relationships, and Algebraic Reasoning	05	000143	3.622	1.174	0.455	0.867	72.440
	Geometry and Spatial Reasoning	05	000143	4.077	1.199	0.611	0.748	81.540
	Concepts and Uses of Measurement	05	000143	3.105	1.271	0.512	0.888	62.100
	Probability and Statistics	03	000143	2.070	0.909	0.380	0.716	69.000
	Mathematical Processes and Tools	06	000143	3.035	1.441	0.351	1.161	50.583

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-M (Spring 2010) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	006512	19.953	5.463	0.822	2.305	66.510
	Basic Understanding	13	006512	8.226	2.476	0.601	1.564	63.276
	Applying Knowledge of Literary Elements	06	006512	4.340	1.418	0.519	0.983	72.333
	Using Strategies to Analyze	05	006512	3.448	1.232	0.412	0.945	68.960
	Applying Critical-Thinking Skills	06	006512	3.939	1.569	0.595	0.999	65.650
Mathematics	COMPLETE SUBTEST	32	005802	20.460	5.649	0.822	2.383	63.937
	Numbers, Operations, and Quantitative Reasoning	08	005802	4.962	1.722	0.503	1.214	62.025
	Patterns, Relationships, and Algebraic Reasoning	05	005802	3.492	1.170	0.396	0.909	69.840
	Geometry and Spatial Reasoning	05	005802	4.078	1.096	0.495	0.779	81.560
	Concepts and Uses of Measurement	05	005802	2.968	1.326	0.519	0.920	59.360
	Probability and Statistics	03	005802	1.860	0.991	0.434	0.746	62.000
	Mathematical Processes and Tools	06	005802	3.102	1.435	0.355	1.152	51.700

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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-M (Spring 2010) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	000065	20.508	4.661	0.757	2.298	68.360
	Basic Understanding	13	000065	8.446	2.151	0.466	1.572	64.969
	Applying Knowledge of Literary Elements	06	000065	4.492	1.276	0.428	0.965	74.866
	Using Strategies to Analyze	05	000065	3.631	1.140	0.377	0.900	72.620
	Applying Critical-Thinking Skills	06	000065	3.938	1.488	0.530	1.020	65.633
Mathematics	COMPLETE SUBTEST	32	000052	19.692	5.301	0.797	2.388	61.537
	Numbers, Operations, and Quantitative Reasoning	08	000052	4.865	1.645	0.453	1.217	60.812
	Patterns, Relationships, and Algebraic Reasoning	05	000052	3.365	1.067	0.229	0.937	67.300
	Geometry and Spatial Reasoning	05	000052	3.981	1.129	0.527	0.776	79.620
	Concepts and Uses of Measurement	05	000052	2.712	1.258	0.441	0.941	54.240
	Probability and Statistics	03	000052	1.731	0.952	0.339	0.774	57.700
	Mathematical Processes and Tools	06	000052	3.038	1.357	0.305	1.131	50.633

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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-M (Spring 2010) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	003467	21.468	5.283	0.828	2.191	71.560
	Basic Understanding	13	003467	8.800	2.441	0.623	1.499	67.692
	Applying Knowledge of Literary Elements	06	003467	4.641	1.328	0.517	0.923	77.350
	Using Strategies to Analyze	05	003467	3.738	1.170	0.443	0.873	74.760
	Applying Critical-Thinking Skills	06	003467	4.290	1.523	0.611	0.950	71.500
Mathematics	COMPLETE SUBTEST	32	003060	20.733	5.690	0.826	2.373	64.790
	Numbers, Operations, and Quantitative Reasoning	08	003060	5.089	1.748	0.525	1.205	63.612
	Patterns, Relationships, and Algebraic Reasoning	05	003060	3.500	1.162	0.363	0.927	70.000
	Geometry and Spatial Reasoning	05	003060	4.073	1.114	0.524	0.769	81.460
	Concepts and Uses of Measurement	05	003060	2.919	1.289	0.474	0.935	58.380
	Probability and Statistics	03	003060	1.894	1.005	0.482	0.723	63.133
	Mathematical Processes and Tools	06	003060	3.258	1.472	0.407	1.134	54.300

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 04 TAKS-M (Spring 2010) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	014119	22.100	5.633	0.822	2.377	69.062
	Basic Understanding	12	014119	8.463	2.458	0.664	1.425	70.525
	Applying Knowledge of Literary Elements	06	014119	4.380	1.411	0.520	0.978	73.000
	Using Strategies to Analyze	06	014119	4.017	1.423	0.439	1.066	66.950
	Applying Critical-Thinking Skills	08	014119	5.240	1.674	0.452	1.239	65.500
Mathematics	COMPLETE SUBTEST	34	013561	21.527	6.095	0.829	2.520	63.314
	Numbers, Operations, and Quantitative Reasoning	09	013561	6.324	1.848	0.594	1.178	70.266
	Patterns, Relationships, and Algebraic Reasoning	06	013561	3.925	1.479	0.494	1.052	65.416
	Geometry and Spatial Reasoning	05	013561	3.100	1.370	0.482	0.986	62.000
	Concepts and Uses of Measurement	05	013561	2.508	1.326	0.388	1.037	50.160
	Probability and Statistics	03	013561	1.801	0.893	0.316	0.739	60.033
	Mathematical Processes and Tools	06	013561	3.868	1.505	0.477	1.088	64.466
Writing	COMPLETE SUBTEST	33	015389	16.709	5.435	0.843	2.154	63.787
	Appropriate Organization of Ideas	03	015389	1.877	0.981	0.416	0.750	62.566
	Correct and Effective Sentence Construction	07	015389	4.188	1.884	0.623	1.157	59.828
	Standard Usage and Appropriate Word Choice	07	015389	4.501	1.679	0.534	1.146	64.300
	Proofreading for Punctuation, Capitalization, and Spelling	07	015389	4.744	1.783	0.614	1.108	67.771

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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 04 TAKS-M (Spring 2010) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	004674	22.354	5.501	0.816	2.360	69.856
	Basic Understanding	12	004674	8.496	2.426	0.660	1.415	70.800
	Applying Knowledge of Literary Elements	06	004674	4.534	1.369	0.525	0.944	75.566
	Using Strategies to Analyze	06	004674	4.047	1.419	0.433	1.068	67.450
	Applying Critical-Thinking Skills	08	004674	5.277	1.633	0.432	1.231	65.962
Mathematics	COMPLETE SUBTEST	34	004881	21.388	5.912	0.817	2.529	62.905
	Numbers, Operations, and Quantitative Reasoning	09	004881	6.317	1.780	0.564	1.175	70.188
	Patterns, Relationships, and Algebraic Reasoning	06	004881	3.957	1.461	0.481	1.053	65.950
	Geometry and Spatial Reasoning	05	004881	3.088	1.355	0.464	0.992	61.760
	Concepts and Uses of Measurement	05	004881	2.467	1.285	0.341	1.043	49.340
	Probability and Statistics	03	004881	1.816	0.880	0.299	0.737	60.533
	Mathematical Processes and Tools	06	004881	3.743	1.491	0.448	1.108	62.383
Writing	COMPLETE SUBTEST	33	004909	17.323	5.315	0.842	2.113	65.912
	Appropriate Organization of Ideas	03	004909	1.929	0.969	0.416	0.741	64.300
	Correct and Effective Sentence Construction	07	004909	4.316	1.859	0.620	1.146	61.657
	Standard Usage and Appropriate Word Choice	07	004909	4.610	1.641	0.524	1.132	65.857
	Proofreading for Punctuation, Capitalization, and Spelling	07	004909	4.963	1.716	0.605	1.078	70.900

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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 04 TAKS-M (Spring 2010) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	009414	21.976	5.691	0.824	2.388	68.675
	Basic Understanding	12	009414	8.447	2.472	0.666	1.429	70.391
	Applying Knowledge of Literary Elements	06	009414	4.304	1.425	0.515	0.992	71.733
	Using Strategies to Analyze	06	009414	4.002	1.425	0.442	1.064	66.700
	Applying Critical-Thinking Skills	08	009414	5.223	1.692	0.461	1.242	65.287
Mathematics	COMPLETE SUBTEST	34	008652	21.608	6.197	0.835	2.517	63.552
	Numbers, Operations, and Quantitative Reasoning	09	008652	6.330	1.885	0.611	1.176	70.333
	Patterns, Relationships, and Algebraic Reasoning	06	008652	3.908	1.489	0.502	1.051	65.133
	Geometry and Spatial Reasoning	05	008652	3.107	1.378	0.491	0.983	62.140
	Concepts and Uses of Measurement	05	008652	2.533	1.348	0.413	1.033	50.660
	Probability and Statistics	03	008652	1.793	0.901	0.327	0.739	59.766
	Mathematical Processes and Tools	06	008652	3.937	1.508	0.490	1.077	65.616
Writing	COMPLETE SUBTEST	33	010473	16.421	5.466	0.844	2.159	62.795
	Appropriate Organization of Ideas	03	010473	1.853	0.985	0.416	0.753	61.766
	Correct and Effective Sentence Construction	07	010473	4.127	1.892	0.624	1.160	58.957
	Standard Usage and Appropriate Word Choice	07	010473	4.450	1.694	0.537	1.153	63.571
	Proofreading for Punctuation, Capitalization, and Spelling	07	010473	4.641	1.804	0.613	1.122	66.300

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3 Multiple-choice and gridded items only

Grade 04 TAKS-M (Spring 2010) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	003046	22.128	5.553	0.817	2.375	69.150
	Basic Understanding	12	003046	8.511	2.410	0.651	1.424	70.925
	Applying Knowledge of Literary Elements	06	003046	4.396	1.388	0.508	0.974	73.266
	Using Strategies to Analyze	06	003046	4.037	1.409	0.423	1.070	67.283
	Applying Critical-Thinking Skills	08	003046	5.184	1.685	0.458	1.241	64.800
Mathematics	COMPLETE SUBTEST	34	003058	21.002	6.087	0.826	2.539	61.770
	Numbers, Operations, and Quantitative Reasoning	09	003058	6.246	1.837	0.584	1.185	69.400
	Patterns, Relationships, and Algebraic Reasoning	06	003058	3.872	1.493	0.496	1.060	64.533
	Geometry and Spatial Reasoning	05	003058	2.875	1.353	0.431	1.021	57.500
	Concepts and Uses of Measurement	05	003058	2.432	1.327	0.387	1.039	48.640
	Probability and Statistics	03	003058	1.758	0.913	0.355	0.733	58.600
	Mathematical Processes and Tools	06	003058	3.819	1.498	0.463	1.098	63.650
Writing	COMPLETE SUBTEST	33	003156	16.650	5.383	0.840	2.153	63.608
	Appropriate Organization of Ideas	03	003156	1.866	0.983	0.415	0.752	62.200
	Correct and Effective Sentence Construction	07	003156	4.170	1.893	0.628	1.155	59.571
	Standard Usage and Appropriate Word Choice	07	003156	4.478	1.688	0.535	1.151	63.971
	Proofreading for Punctuation, Capitalization, and Spelling	07	003156	4.754	1.753	0.598	1.111	67.914

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3 Multiple-choice and gridded items only

Grade 04 TAKS-M (Spring 2010) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	000169	21.030	5.468	0.798	2.458	65.718
	Basic Understanding	12	000169	8.077	2.413	0.628	1.472	67.308
	Applying Knowledge of Literary Elements	06	000169	4.089	1.401	0.459	1.030	68.150
	Using Strategies to Analyze	06	000169	4.012	1.318	0.304	1.100	66.866
	Applying Critical-Thinking Skills	08	000169	4.852	1.751	0.473	1.271	60.650
Mathematics	COMPLETE SUBTEST	34	000140	22.664	5.945	0.827	2.473	66.658
	Numbers, Operations, and Quantitative Reasoning	09	000140	6.729	1.717	0.557	1.143	74.766
	Patterns, Relationships, and Algebraic Reasoning	06	000140	4.350	1.303	0.409	1.002	72.500
	Geometry and Spatial Reasoning	05	000140	3.079	1.532	0.632	0.929	61.580
	Concepts and Uses of Measurement	05	000140	2.671	1.338	0.402	1.035	53.420
	Probability and Statistics	03	000140	1.914	0.918	0.346	0.742	63.800
	Mathematical Processes and Tools	06	000140	3.921	1.336	0.293	1.123	65.350
Writing	COMPLETE SUBTEST	33	000178	18.152	5.030	0.833	2.056	69.966
	Appropriate Organization of Ideas	03	000178	1.860	0.901	0.235	0.788	62.000
	Correct and Effective Sentence Construction	07	000178	4.528	1.789	0.594	1.140	64.685
	Standard Usage and Appropriate Word Choice	07	000178	4.910	1.748	0.628	1.066	70.142
	Proofreading for Punctuation, Capitalization, and Spelling	07	000178	5.494	1.523	0.579	0.988	78.485

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3 Multiple-choice and gridded items only

Grade 04 TAKS-M (Spring 2010) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	007159	21.680	5.642	0.818	2.407	67.750
	Basic Understanding	12	007159	8.273	2.493	0.664	1.445	68.941
	Applying Knowledge of Literary Elements	06	007159	4.288	1.439	0.523	0.994	71.466
	Using Strategies to Analyze	06	007159	3.943	1.424	0.426	1.079	65.716
	Applying Critical-Thinking Skills	08	007159	5.176	1.660	0.433	1.250	64.700
Mathematics	COMPLETE SUBTEST	34	006705	21.620	6.108	0.832	2.504	63.588
	Numbers, Operations, and Quantitative Reasoning	09	006705	6.384	1.845	0.604	1.161	70.933
	Patterns, Relationships, and Algebraic Reasoning	06	006705	3.970	1.484	0.509	1.040	66.166
	Geometry and Spatial Reasoning	05	006705	3.180	1.365	0.494	0.971	63.600
	Concepts and Uses of Measurement	05	006705	2.498	1.327	0.398	1.030	49.960
	Probability and Statistics	03	006705	1.809	0.887	0.321	0.731	60.300
	Mathematical Processes and Tools	06	006705	3.779	1.514	0.472	1.100	62.983
Writing	COMPLETE SUBTEST	33	007684	16.421	5.445	0.841	2.171	62.608
	Appropriate Organization of Ideas	03	007684	1.839	0.975	0.391	0.761	61.300
	Correct and Effective Sentence Construction	07	007684	4.104	1.878	0.614	1.167	58.628
	Standard Usage and Appropriate Word Choice	07	007684	4.439	1.686	0.530	1.156	63.414
	Proofreading for Punctuation, Capitalization, and Spelling	07	007684	4.644	1.792	0.606	1.125	66.342

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-M (Spring 2010) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	000072	22.292	6.087	0.857	2.302	69.662
	Basic Understanding	12	000072	8.569	2.488	0.680	1.407	71.408
	Applying Knowledge of Literary Elements	06	000072	4.500	1.404	0.546	0.946	75.000
	Using Strategies to Analyze	06	000072	3.861	1.513	0.535	1.032	64.350
	Applying Critical-Thinking Skills	08	000072	5.361	1.841	0.598	1.167	67.012
Mathematics	COMPLETE SUBTEST	34	000060	22.050	6.482	0.857	2.451	64.852
	Numbers, Operations, and Quantitative Reasoning	09	000060	6.400	1.861	0.613	1.158	71.111
	Patterns, Relationships, and Algebraic Reasoning	06	000060	4.033	1.636	0.644	0.976	67.216
	Geometry and Spatial Reasoning	05	000060	3.083	1.465	0.572	0.958	61.660
	Concepts and Uses of Measurement	05	000060	2.617	1.485	0.578	0.965	52.340
	Probability and Statistics	03	000060	2.000	0.802	0.231	0.703	66.666
	Mathematical Processes and Tools	06	000060	3.917	1.650	0.606	1.036	65.283
Writing	COMPLETE SUBTEST	33	000081	16.778	5.215	0.830	2.150	63.991
	Appropriate Organization of Ideas	03	000081	1.815	0.950	0.322	0.782	60.500
	Correct and Effective Sentence Construction	07	000081	4.370	1.750	0.561	1.159	62.428
	Standard Usage and Appropriate Word Choice	07	000081	4.444	1.754	0.582	1.134	63.485
	Proofreading for Punctuation, Capitalization, and Spelling	07	000081	4.728	1.904	0.689	1.062	67.542

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-M (Spring 2010) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	003657	22.940	5.586	0.829	2.310	71.687
	Basic Understanding	12	003657	8.809	2.388	0.664	1.384	73.408
	Applying Knowledge of Literary Elements	06	003657	4.557	1.355	0.518	0.941	75.950
	Using Strategies to Analyze	06	003657	4.147	1.428	0.475	1.035	69.116
	Applying Critical-Thinking Skills	08	003657	5.427	1.669	0.473	1.212	67.837
Mathematics	COMPLETE SUBTEST	34	003583	21.748	6.058	0.826	2.527	63.964
	Numbers, Operations, and Quantitative Reasoning	09	003583	6.260	1.864	0.588	1.196	69.555
	Patterns, Relationships, and Algebraic Reasoning	06	003583	3.868	1.459	0.461	1.071	64.466
	Geometry and Spatial Reasoning	05	003583	3.145	1.366	0.480	0.985	62.900
	Concepts and Uses of Measurement	05	003583	2.585	1.316	0.375	1.040	51.700
	Probability and Statistics	03	003583	1.817	0.890	0.280	0.755	60.566
	Mathematical Processes and Tools	06	003583	4.073	1.479	0.490	1.056	67.883
Writing	COMPLETE SUBTEST	33	004285	17.205	5.434	0.850	2.105	65.770
	Appropriate Organization of Ideas	03	004285	1.954	0.989	0.467	0.722	65.133
	Correct and Effective Sentence Construction	07	004285	4.333	1.884	0.635	1.138	61.900
	Standard Usage and Appropriate Word Choice	07	004285	4.613	1.647	0.533	1.126	65.900
	Proofreading for Punctuation, Capitalization, and Spelling	07	004285	4.885	1.780	0.630	1.083	69.785

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-M (Spring 2010) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	015746	23.121	6.182	0.840	2.473	68.002
	Basic Understanding	11	015746	7.595	2.320	0.634	1.404	69.045
	Applying Knowledge of Literary Elements	06	015746	4.597	1.330	0.500	0.940	76.616
	Using Strategies to Analyze	06	015746	3.690	1.436	0.413	1.100	61.500
	Applying Critical-Thinking Skills	11	015746	7.240	2.459	0.665	1.423	65.818
Mathematics	COMPLETE SUBTEST	35	015334	23.247	6.174	0.829	2.553	66.420
	Numbers, Operations, and Quantitative Reasoning	09	015334	6.005	1.990	0.579	1.291	66.722
	Patterns, Relationships, and Algebraic Reasoning	06	015334	3.414	1.471	0.419	1.121	56.900
	Geometry and Spatial Reasoning	06	015334	4.214	1.412	0.489	1.009	70.233
	Concepts and Uses of Measurement	06	015334	4.142	1.389	0.415	1.062	69.033
	Probability and Statistics	03	015334	2.266	0.857	0.370	0.680	75.533
	Mathematical Processes and Tools	05	015334	3.206	1.317	0.459	0.969	64.120
Science	COMPLETE SUBTEST	32	015793	24.171	5.060	0.804	2.240	75.534
	Nature of Science	11	015793	8.180	2.146	0.627	1.311	74.363
	Life Sciences	07	015793	5.451	1.481	0.529	1.016	77.871
	Physical Sciences	07	015793	5.448	1.371	0.454	1.013	77.828
	Earth Sciences	07	015793	5.091	1.405	0.382	1.105	72.728

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-M (Spring 2010) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	005345	23.700	6.012	0.836	2.435	69.705
	Basic Understanding	11	005345	7.821	2.234	0.622	1.374	71.100
	Applying Knowledge of Literary Elements	06	005345	4.659	1.309	0.500	0.926	77.650
	Using Strategies to Analyze	06	005345	3.775	1.417	0.407	1.091	62.916
	Applying Critical-Thinking Skills	11	005345	7.446	2.418	0.663	1.404	67.690
Mathematics	COMPLETE SUBTEST	35	005624	23.115	6.048	0.820	2.566	66.042
	Numbers, Operations, and Quantitative Reasoning	09	005624	5.976	1.976	0.568	1.299	66.400
	Patterns, Relationships, and Algebraic Reasoning	06	005624	3.397	1.458	0.399	1.130	56.616
	Geometry and Spatial Reasoning	06	005624	4.221	1.405	0.486	1.007	70.350
	Concepts and Uses of Measurement	06	005624	4.075	1.387	0.399	1.075	67.916
	Probability and Statistics	03	005624	2.308	0.835	0.372	0.662	76.933
	Mathematical Processes and Tools	05	005624	3.139	1.294	0.435	0.973	62.780
Science	COMPLETE SUBTEST	32	005706	23.753	4.873	0.780	2.286	74.228
	Nature of Science	11	005706	8.131	2.053	0.586	1.321	73.918
	Life Sciences	07	005706	5.309	1.505	0.514	1.049	75.842
	Physical Sciences	07	005706	5.354	1.348	0.405	1.040	76.485
	Earth Sciences	07	005706	4.959	1.382	0.327	1.134	70.842

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-M (Spring 2010) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	010383	22.825	6.247	0.841	2.491	67.132
	Basic Understanding	11	010383	7.479	2.354	0.637	1.418	67.990
	Applying Knowledge of Literary Elements	06	010383	4.565	1.340	0.499	0.948	76.083
	Using Strategies to Analyze	06	010383	3.647	1.444	0.416	1.104	60.783
	Applying Critical-Thinking Skills	11	010383	7.134	2.474	0.665	1.432	64.854
Mathematics	COMPLETE SUBTEST	35	009689	23.325	6.245	0.834	2.544	66.642
	Numbers, Operations, and Quantitative Reasoning	09	009689	6.022	1.998	0.586	1.286	66.911
	Patterns, Relationships, and Algebraic Reasoning	06	009689	3.424	1.479	0.429	1.118	57.066
	Geometry and Spatial Reasoning	06	009689	4.211	1.415	0.491	1.010	70.183
	Concepts and Uses of Measurement	06	009689	4.181	1.388	0.424	1.053	69.683
	Probability and Statistics	03	009689	2.242	0.868	0.373	0.687	74.733
Science	Mathematical Processes and Tools	05	009689	3.245	1.329	0.475	0.963	64.900
	COMPLETE SUBTEST	32	010053	24.407	5.149	0.816	2.209	76.271
	Nature of Science	11	010053	8.208	2.198	0.648	1.304	74.618
	Life Sciences	07	010053	5.531	1.462	0.537	0.995	79.014
	Physical Sciences	07	010053	5.502	1.381	0.480	0.996	78.600
	Earth Sciences	07	010053	5.166	1.412	0.409	1.085	73.800

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 05 TAKS-M (Spring 2010) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	003514	23.116	6.244	0.844	2.466	67.988
	Basic Understanding	11	003514	7.657	2.357	0.656	1.382	69.609
	Applying Knowledge of Literary Elements	06	003514	4.592	1.328	0.493	0.946	76.533
	Using Strategies to Analyze	06	003514	3.686	1.433	0.417	1.094	61.433
	Applying Critical-Thinking Skills	11	003514	7.181	2.459	0.661	1.432	65.281
Mathematics	COMPLETE SUBTEST	35	003603	22.482	6.282	0.830	2.590	64.234
	Numbers, Operations, and Quantitative Reasoning	09	003603	5.842	2.021	0.584	1.304	64.911
	Patterns, Relationships, and Algebraic Reasoning	06	003603	3.349	1.487	0.425	1.128	55.816
	Geometry and Spatial Reasoning	06	003603	3.974	1.431	0.470	1.042	66.233
	Concepts and Uses of Measurement	06	003603	4.011	1.404	0.403	1.085	66.850
	Probability and Statistics	03	003603	2.148	0.893	0.363	0.713	71.600
	Mathematical Processes and Tools	05	003603	3.157	1.307	0.447	0.972	63.140
Science	COMPLETE SUBTEST	32	003553	23.755	5.019	0.794	2.278	74.234
	Nature of Science	11	003553	8.018	2.128	0.608	1.332	72.890
	Life Sciences	07	003553	5.369	1.511	0.532	1.034	76.700
	Physical Sciences	07	003553	5.374	1.379	0.442	1.030	76.771
	Earth Sciences	07	003553	4.994	1.404	0.360	1.123	71.342

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-M (Spring 2010) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	000191	22.440	6.326	0.842	2.515	66.000
	Basic Understanding	11	000191	7.387	2.381	0.646	1.417	67.154
	Applying Knowledge of Literary Elements	06	000191	4.461	1.348	0.480	0.972	74.350
	Using Strategies to Analyze	06	000191	3.634	1.411	0.365	1.124	60.566
	Applying Critical-Thinking Skills	11	000191	6.958	2.619	0.702	1.430	63.254
Mathematics	COMPLETE SUBTEST	35	000163	24.172	6.215	0.841	2.478	69.062
	Numbers, Operations, and Quantitative Reasoning	09	000163	6.405	2.151	0.687	1.203	71.166
	Patterns, Relationships, and Algebraic Reasoning	06	000163	3.742	1.501	0.459	1.104	62.366
	Geometry and Spatial Reasoning	06	000163	4.387	1.264	0.389	0.988	73.116
	Concepts and Uses of Measurement	06	000163	4.331	1.319	0.385	1.034	72.183
	Probability and Statistics	03	000163	2.294	0.881	0.471	0.641	76.466
	Mathematical Processes and Tools	05	000163	3.012	1.392	0.548	0.936	60.240
Science	COMPLETE SUBTEST	32	000176	23.085	5.335	0.810	2.325	72.140
	Nature of Science	11	000176	7.676	2.321	0.647	1.379	69.781
	Life Sciences	07	000176	5.057	1.627	0.563	1.076	72.242
	Physical Sciences	07	000176	5.438	1.351	0.435	1.015	77.685
	Earth Sciences	07	000176	4.915	1.356	0.274	1.155	70.214

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-M (Spring 2010) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	007984	22.795	6.176	0.837	2.493	67.044
	Basic Understanding	11	007984	7.442	2.316	0.622	1.424	67.654
	Applying Knowledge of Literary Elements	06	007984	4.534	1.350	0.506	0.949	75.566
	Using Strategies to Analyze	06	007984	3.628	1.436	0.405	1.108	60.466
	Applying Critical-Thinking Skills	11	007984	7.191	2.454	0.660	1.431	65.372
Mathematics	COMPLETE SUBTEST	35	007449	23.356	6.075	0.824	2.549	66.731
	Numbers, Operations, and Quantitative Reasoning	09	007449	6.044	1.971	0.573	1.288	67.155
	Patterns, Relationships, and Algebraic Reasoning	06	007449	3.403	1.466	0.411	1.125	56.716
	Geometry and Spatial Reasoning	06	007449	4.295	1.379	0.472	1.002	71.583
	Concepts and Uses of Measurement	06	007449	4.157	1.382	0.409	1.062	69.283
	Probability and Statistics	03	007449	2.298	0.845	0.376	0.667	76.600
Science	Mathematical Processes and Tools	05	007449	3.159	1.316	0.450	0.976	63.180
	COMPLETE SUBTEST	32	008175	24.079	5.112	0.807	2.246	75.246
	Nature of Science	11	008175	8.195	2.159	0.634	1.306	74.500
	Life Sciences	07	008175	5.375	1.513	0.537	1.030	76.785
	Physical Sciences	07	008175	5.446	1.378	0.458	1.014	77.800
Earth Sciences	07	008175	5.063	1.404	0.375	1.110	72.328	

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-M (Spring 2010) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	000069	24.420	5.959	0.844	2.354	71.823
	Basic Understanding	11	000069	7.812	2.290	0.653	1.349	71.018
	Applying Knowledge of Literary Elements	06	000069	4.928	1.116	0.393	0.869	82.133
	Using Strategies to Analyze	06	000069	3.971	1.475	0.494	1.049	66.183
	Applying Critical-Thinking Skills	11	000069	7.710	2.426	0.696	1.338	70.090
Mathematics	COMPLETE SUBTEST	35	000075	24.187	5.812	0.817	2.486	69.105
	Numbers, Operations, and Quantitative Reasoning	09	000075	6.213	1.862	0.540	1.263	69.033
	Patterns, Relationships, and Algebraic Reasoning	06	000075	3.507	1.408	0.372	1.116	58.450
	Geometry and Spatial Reasoning	06	000075	4.333	1.359	0.468	0.991	72.216
	Concepts and Uses of Measurement	06	000075	4.200	1.346	0.404	1.039	70.000
	Probability and Statistics	03	000075	2.480	0.777	0.435	0.584	82.666
	Mathematical Processes and Tools	05	000075	3.453	1.233	0.399	0.956	69.060
Science	COMPLETE SUBTEST	32	000072	25.403	4.614	0.796	2.084	79.384
	Nature of Science	11	000072	8.708	2.031	0.661	1.183	79.163
	Life Sciences	07	000072	5.583	1.340	0.453	0.991	79.757
	Physical Sciences	07	000072	5.639	1.293	0.463	0.948	80.557
	Earth Sciences	07	000072	5.472	1.187	0.244	1.032	78.171

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-M (Spring 2010) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	003980	23.779	6.079	0.841	2.424	69.938
	Basic Understanding	11	003980	7.848	2.266	0.633	1.373	71.345
	Applying Knowledge of Literary Elements	06	003980	4.724	1.285	0.493	0.915	78.733
	Using Strategies to Analyze	06	003980	3.815	1.430	0.426	1.083	63.583
	Applying Critical-Thinking Skills	11	003980	7.392	2.457	0.675	1.401	67.200
Mathematics	COMPLETE SUBTEST	35	004036	23.659	6.200	0.834	2.526	67.597
	Numbers, Operations, and Quantitative Reasoning	09	004036	6.055	1.984	0.579	1.287	67.277
	Patterns, Relationships, and Algebraic Reasoning	06	004036	3.476	1.464	0.422	1.113	57.933
	Geometry and Spatial Reasoning	06	004036	4.268	1.437	0.522	0.994	71.133
	Concepts and Uses of Measurement	06	004036	4.220	1.382	0.432	1.042	70.333
	Probability and Statistics	03	004036	2.305	0.835	0.357	0.670	76.833
	Mathematical Processes and Tools	05	004036	3.336	1.317	0.484	0.946	66.720
Science	COMPLETE SUBTEST	32	003802	24.783	4.920	0.804	2.178	77.446
	Nature of Science	11	003802	8.313	2.119	0.626	1.296	75.572
	Life Sciences	07	003802	5.705	1.343	0.490	0.959	81.500
	Physical Sciences	07	003802	5.521	1.345	0.457	0.991	78.871
	Earth Sciences	07	003802	5.244	1.401	0.414	1.072	74.914

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-M (Spring 2010) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	014855	22.537	6.343	0.845	2.497	66.285
	Basic Understanding	11	014855	7.614	2.305	0.637	1.389	69.218
	Applying Knowledge of Literary Elements	06	014855	3.827	1.494	0.459	1.099	63.783
	Using Strategies to Analyze	06	014855	4.030	1.558	0.562	1.031	67.166
	Applying Critical-Thinking Skills	11	014855	7.066	2.281	0.605	1.434	64.236
Mathematics	COMPLETE SUBTEST	37	015172	22.315	5.922	0.786	2.740	60.310
	Numbers, Operations, and Quantitative Reasoning	08	015172	4.536	1.784	0.459	1.312	56.700
	Patterns, Relationships, and Algebraic Reasoning	07	015172	4.572	1.442	0.367	1.147	65.314
	Geometry and Spatial Reasoning	06	015172	4.207	1.357	0.441	1.015	70.116
	Concepts and Uses of Measurement	04	015172	2.256	1.052	0.227	0.925	56.400
	Probability and Statistics	05	015172	2.785	1.252	0.308	1.041	55.700
	Mathematical Processes and Tools	07	015172	3.959	1.657	0.458	1.220	56.557

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-M (Spring 2010) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	004923	23.712	6.070	0.841	2.420	69.741
	Basic Understanding	11	004923	7.907	2.233	0.637	1.345	71.881
	Applying Knowledge of Literary Elements	06	004923	4.083	1.425	0.433	1.073	68.050
	Using Strategies to Analyze	06	004923	4.290	1.477	0.546	0.995	71.500
	Applying Critical-Thinking Skills	11	004923	7.433	2.212	0.604	1.392	67.572
Mathematics	COMPLETE SUBTEST	37	005479	22.410	5.736	0.772	2.739	60.567
	Numbers, Operations, and Quantitative Reasoning	08	005479	4.534	1.756	0.441	1.313	56.675
	Patterns, Relationships, and Algebraic Reasoning	07	005479	4.628	1.423	0.353	1.145	66.114
	Geometry and Spatial Reasoning	06	005479	4.273	1.286	0.388	1.006	71.216
	Concepts and Uses of Measurement	04	005479	2.222	1.061	0.245	0.922	55.550
	Probability and Statistics	05	005479	2.790	1.244	0.301	1.040	55.800
	Mathematical Processes and Tools	07	005479	3.962	1.629	0.436	1.223	56.600

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 06 TAKS-M (Spring 2010) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	009885	21.948	6.392	0.843	2.533	64.552
	Basic Understanding	11	009885	7.467	2.325	0.632	1.410	67.881
	Applying Knowledge of Literary Elements	06	009885	3.699	1.511	0.458	1.112	61.650
	Using Strategies to Analyze	06	009885	3.900	1.580	0.561	1.047	65.000
	Applying Critical-Thinking Skills	11	009885	6.883	2.293	0.600	1.450	62.572
Mathematics	COMPLETE SUBTEST	37	009653	22.268	6.027	0.793	2.742	60.183
	Numbers, Operations, and Quantitative Reasoning	08	009653	4.537	1.801	0.472	1.309	56.712
	Patterns, Relationships, and Algebraic Reasoning	07	009653	4.542	1.452	0.377	1.146	64.885
	Geometry and Spatial Reasoning	06	009653	4.171	1.394	0.467	1.018	69.516
	Concepts and Uses of Measurement	04	009653	2.277	1.046	0.219	0.924	56.925
	Probability and Statistics	05	009653	2.783	1.257	0.313	1.042	55.660
	Mathematical Processes and Tools	07	009653	3.957	1.672	0.471	1.216	56.528

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-M (Spring 2010) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	003412	22.854	6.482	0.855	2.468	67.217
	Basic Understanding	11	003412	7.714	2.345	0.659	1.369	70.127
	Applying Knowledge of Literary Elements	06	003412	3.868	1.510	0.479	1.090	64.466
	Using Strategies to Analyze	06	003412	4.036	1.569	0.572	1.026	67.266
	Applying Critical-Thinking Skills	11	003412	7.236	2.305	0.630	1.402	65.781
Mathematics	COMPLETE SUBTEST	37	003609	21.807	5.871	0.779	2.760	58.937
	Numbers, Operations, and Quantitative Reasoning	08	003609	4.477	1.770	0.449	1.314	55.962
	Patterns, Relationships, and Algebraic Reasoning	07	003609	4.511	1.434	0.348	1.158	64.442
	Geometry and Spatial Reasoning	06	003609	4.077	1.379	0.429	1.042	67.950
	Concepts and Uses of Measurement	04	003609	2.155	1.048	0.217	0.927	53.875
	Probability and Statistics	05	003609	2.695	1.253	0.312	1.039	53.900
	Mathematical Processes and Tools	07	003609	3.892	1.629	0.432	1.228	55.600

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 06 TAKS-M (Spring 2010) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	000155	21.761	6.553	0.851	2.529	64.002
	Basic Understanding	11	000155	7.477	2.450	0.675	1.397	67.972
	Applying Knowledge of Literary Elements	06	000155	3.471	1.568	0.488	1.122	57.850
	Using Strategies to Analyze	06	000155	3.923	1.634	0.605	1.027	65.383
	Applying Critical-Thinking Skills	11	000155	6.890	2.194	0.554	1.465	62.636
Mathematics	COMPLETE SUBTEST	37	000145	22.897	6.147	0.806	2.707	61.883
	Numbers, Operations, and Quantitative Reasoning	08	000145	4.559	1.744	0.430	1.317	56.987
	Patterns, Relationships, and Algebraic Reasoning	07	000145	4.634	1.481	0.407	1.140	66.200
	Geometry and Spatial Reasoning	06	000145	4.207	1.364	0.468	0.995	70.116
	Concepts and Uses of Measurement	04	000145	2.379	1.021	0.177	0.926	59.475
	Probability and Statistics	05	000145	2.945	1.235	0.310	1.026	58.900
	Mathematical Processes and Tools	07	000145	4.172	1.664	0.467	1.215	59.600

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 06 TAKS-M (Spring 2010) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	007621	22.037	6.318	0.840	2.527	64.814
	Basic Understanding	11	007621	7.481	2.321	0.632	1.408	68.009
	Applying Knowledge of Literary Elements	06	007621	3.755	1.496	0.453	1.106	62.583
	Using Strategies to Analyze	06	007621	3.944	1.563	0.557	1.040	65.733
	Applying Critical-Thinking Skills	11	007621	6.856	2.263	0.589	1.451	62.327
Mathematics	COMPLETE SUBTEST	37	007400	22.349	5.887	0.783	2.742	60.402
	Numbers, Operations, and Quantitative Reasoning	08	007400	4.552	1.786	0.460	1.312	56.900
	Patterns, Relationships, and Algebraic Reasoning	07	007400	4.573	1.457	0.383	1.144	65.328
	Geometry and Spatial Reasoning	06	007400	4.234	1.334	0.426	1.011	70.566
	Concepts and Uses of Measurement	04	007400	2.296	1.043	0.212	0.926	57.400
	Probability and Statistics	05	007400	2.756	1.255	0.308	1.044	55.120
	Mathematical Processes and Tools	07	007400	3.939	1.659	0.458	1.221	56.271

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-M (Spring 2010) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	000069	24.507	5.848	0.843	2.317	72.079
	Basic Understanding	11	000069	8.232	2.224	0.683	1.252	74.836
	Applying Knowledge of Literary Elements	06	000069	4.333	1.606	0.651	0.949	72.216
	Using Strategies to Analyze	06	000069	4.377	1.436	0.546	0.968	72.950
	Applying Critical-Thinking Skills	11	000069	7.565	1.959	0.517	1.361	68.772
Mathematics	COMPLETE SUBTEST	37	000074	23.419	6.462	0.831	2.657	63.294
	Numbers, Operations, and Quantitative Reasoning	08	000074	4.689	1.696	0.398	1.316	58.612
	Patterns, Relationships, and Algebraic Reasoning	07	000074	4.905	1.425	0.394	1.109	70.071
	Geometry and Spatial Reasoning	06	000074	4.297	1.332	0.425	1.010	71.616
	Concepts and Uses of Measurement	04	000074	2.257	1.111	0.360	0.889	56.425
	Probability and Statistics	05	000074	3.054	1.237	0.339	1.006	61.080
	Mathematical Processes and Tools	07	000074	4.216	1.682	0.502	1.187	60.228

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-M (Spring 2010) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	003576	23.305	6.141	0.839	2.464	68.544
	Basic Understanding	11	003576	7.798	2.201	0.612	1.371	70.890
	Applying Knowledge of Literary Elements	06	003576	3.949	1.451	0.435	1.091	65.816
	Using Strategies to Analyze	06	003576	4.207	1.515	0.557	1.008	70.116
	Applying Critical-Thinking Skills	11	003576	7.350	2.257	0.608	1.413	66.818
Mathematics	COMPLETE SUBTEST	37	003929	22.685	5.984	0.794	2.716	61.310
	Numbers, Operations, and Quantitative Reasoning	08	003929	4.557	1.798	0.472	1.306	56.962
	Patterns, Relationships, and Algebraic Reasoning	07	003929	4.617	1.416	0.355	1.137	65.957
	Geometry and Spatial Reasoning	06	003929	4.278	1.372	0.476	0.993	71.300
	Concepts and Uses of Measurement	04	003929	2.271	1.066	0.251	0.923	56.775
	Probability and Statistics	05	003929	2.915	1.237	0.294	1.039	58.300
	Mathematical Processes and Tools	07	003929	4.047	1.671	0.482	1.203	57.814

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-M (Spring 2010) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	013643	24.354	7.760	0.882	2.666	64.089
	Basic Understanding	10	013643	6.448	2.288	0.636	1.380	64.480
	Applying Knowledge of Literary Elements	08	013643	5.169	2.016	0.640	1.210	64.612
	Using Strategies to Analyze	08	013643	4.935	2.034	0.634	1.231	61.687
	Applying Critical-Thinking Skills	12	013643	7.802	2.702	0.694	1.495	65.016
Mathematics	COMPLETE SUBTEST	38	015183	21.435	6.349	0.799	2.846	56.407
	Numbers, Operations, and Quantitative Reasoning	08	015183	4.736	1.722	0.424	1.307	59.200
	Patterns, Relationships, and Algebraic Reasoning	08	015183	4.297	1.668	0.362	1.332	53.712
	Geometry and Spatial Reasoning	06	015183	3.154	1.516	0.427	1.148	52.566
	Concepts and Uses of Measurement	04	015183	2.380	1.181	0.424	0.896	59.500
	Probability and Statistics	06	015183	3.292	1.436	0.409	1.104	54.866
Writing	Mathematical Processes and Tools	06	015183	3.576	1.496	0.444	1.115	59.600
	COMPLETE SUBTEST	44	015183	21.196	6.269	0.837	2.531	61.115
	Appropriate Organization of Ideas	04	015183	2.584	1.085	0.351	0.874	64.600
	Correct and Effective Sentence Construction	08	015183	4.554	1.963	0.569	1.289	56.925
	Standard Usage and Appropriate Word Choice	10	015183	6.683	2.234	0.631	1.357	66.830
	Proofreading for Punctuation, Capitalization, and Spelling	10	015183	5.737	2.202	0.596	1.400	57.370

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-M (Spring 2010) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	004423	24.849	7.597	0.879	2.643	65.392
	Basic Understanding	10	004423	6.554	2.264	0.636	1.366	65.540
	Applying Knowledge of Literary Elements	08	004423	5.276	1.987	0.637	1.197	65.950
	Using Strategies to Analyze	08	004423	5.013	1.997	0.629	1.216	62.662
	Applying Critical-Thinking Skills	12	004423	8.006	2.630	0.684	1.478	66.716
Mathematics	COMPLETE SUBTEST	38	005391	21.655	6.147	0.787	2.837	56.986
	Numbers, Operations, and Quantitative Reasoning	08	005391	4.790	1.706	0.412	1.308	59.875
	Patterns, Relationships, and Algebraic Reasoning	08	005391	4.331	1.627	0.333	1.329	54.137
	Geometry and Spatial Reasoning	06	005391	3.161	1.510	0.422	1.148	52.683
	Concepts and Uses of Measurement	04	005391	2.516	1.165	0.435	0.876	62.900
	Probability and Statistics	06	005391	3.294	1.406	0.398	1.091	54.900
Writing	Mathematical Processes and Tools	06	005391	3.563	1.439	0.393	1.121	59.383
	COMPLETE SUBTEST	44	004845	22.006	6.082	0.830	2.508	63.178
	Appropriate Organization of Ideas	04	004845	2.665	1.073	0.355	0.862	66.625
	Correct and Effective Sentence Construction	08	004845	4.736	1.934	0.562	1.280	59.200
	Standard Usage and Appropriate Word Choice	10	004845	6.839	2.164	0.615	1.343	68.390
	Proofreading for Punctuation, Capitalization, and Spelling	10	004845	5.977	2.147	0.589	1.376	59.770

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-M (Spring 2010) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	009194	24.114	7.823	0.883	2.676	63.457
	Basic Understanding	10	009194	6.395	2.297	0.636	1.386	63.950
	Applying Knowledge of Literary Elements	08	009194	5.117	2.027	0.642	1.213	63.962
	Using Strategies to Analyze	08	009194	4.897	2.049	0.638	1.233	61.212
	Applying Critical-Thinking Skills	12	009194	7.704	2.730	0.697	1.503	64.200
Mathematics	COMPLETE SUBTEST	38	009771	21.319	6.455	0.805	2.850	56.102
	Numbers, Operations, and Quantitative Reasoning	08	009771	4.707	1.730	0.431	1.305	58.837
	Patterns, Relationships, and Algebraic Reasoning	08	009771	4.279	1.690	0.379	1.332	53.487
	Geometry and Spatial Reasoning	06	009771	3.151	1.519	0.431	1.146	52.516
	Concepts and Uses of Measurement	04	009771	2.306	1.183	0.413	0.906	57.650
	Probability and Statistics	06	009771	3.293	1.453	0.418	1.108	54.883
	Mathematical Processes and Tools	06	009771	3.583	1.526	0.470	1.111	59.716
Writing	COMPLETE SUBTEST	44	010331	20.815	6.319	0.838	2.543	60.146
	Appropriate Organization of Ideas	04	010331	2.545	1.089	0.346	0.881	63.625
	Correct and Effective Sentence Construction	08	010331	4.469	1.970	0.570	1.292	55.862
	Standard Usage and Appropriate Word Choice	10	010331	6.609	2.262	0.637	1.363	66.090
	Proofreading for Punctuation, Capitalization, and Spelling	10	010331	5.623	2.219	0.596	1.410	56.230

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-M (Spring 2010) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	003196	24.294	7.745	0.881	2.672	63.931
	Basic Understanding	10	003196	6.452	2.282	0.636	1.377	64.520
	Applying Knowledge of Literary Elements	08	003196	5.131	2.022	0.643	1.208	64.137
	Using Strategies to Analyze	08	003196	4.895	2.027	0.631	1.231	61.187
	Applying Critical-Thinking Skills	12	003196	7.816	2.695	0.692	1.496	65.133
Mathematics	COMPLETE SUBTEST	38	003621	20.693	6.204	0.786	2.870	54.455
	Numbers, Operations, and Quantitative Reasoning	08	003621	4.607	1.693	0.388	1.324	57.587
	Patterns, Relationships, and Algebraic Reasoning	08	003621	4.168	1.667	0.357	1.337	52.100
	Geometry and Spatial Reasoning	06	003621	2.946	1.513	0.419	1.153	49.100
	Concepts and Uses of Measurement	04	003621	2.319	1.153	0.370	0.915	57.975
	Probability and Statistics	06	003621	3.195	1.417	0.386	1.110	53.250
	Mathematical Processes and Tools	06	003621	3.459	1.479	0.417	1.129	57.650
Writing	COMPLETE SUBTEST	44	003419	21.077	6.209	0.833	2.537	60.737
	Appropriate Organization of Ideas	04	003419	2.542	1.088	0.343	0.882	63.550
	Correct and Effective Sentence Construction	08	003419	4.528	1.967	0.571	1.288	56.600
	Standard Usage and Appropriate Word Choice	10	003419	6.598	2.188	0.610	1.366	65.980
	Proofreading for Punctuation, Capitalization, and Spelling	10	003419	5.768	2.187	0.592	1.397	57.680

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-M (Spring 2010) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	000151	24.980	8.155	0.899	2.592	65.736
	Basic Understanding	10	000151	6.781	2.248	0.647	1.336	67.810
	Applying Knowledge of Literary Elements	08	000151	5.298	1.952	0.624	1.197	66.225
	Using Strategies to Analyze	08	000151	5.000	2.154	0.690	1.199	62.500
	Applying Critical-Thinking Skills	12	000151	7.901	2.888	0.748	1.450	65.841
Mathematics	COMPLETE SUBTEST	38	000142	22.908	6.675	0.829	2.760	60.284
	Numbers, Operations, and Quantitative Reasoning	08	000142	5.056	1.789	0.503	1.261	63.200
	Patterns, Relationships, and Algebraic Reasoning	08	000142	4.423	1.652	0.375	1.306	55.287
	Geometry and Spatial Reasoning	06	000142	3.493	1.556	0.485	1.117	58.216
	Concepts and Uses of Measurement	04	000142	2.697	1.111	0.398	0.862	67.425
	Probability and Statistics	06	000142	3.542	1.447	0.457	1.066	59.033
Writing	Mathematical Processes and Tools	06	000142	3.697	1.424	0.404	1.099	61.616
	COMPLETE SUBTEST	44	000170	23.318	6.197	0.849	2.408	67.831
	Appropriate Organization of Ideas	04	000170	2.600	1.112	0.395	0.865	65.000
	Correct and Effective Sentence Construction	08	000170	5.112	1.789	0.517	1.243	63.900
	Standard Usage and Appropriate Word Choice	10	000170	7.359	2.139	0.657	1.253	73.590
	Proofreading for Punctuation, Capitalization, and Spelling	10	000170	6.635	2.250	0.649	1.333	66.350

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-M (Spring 2010) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	006836	23.767	7.708	0.877	2.703	62.544
	Basic Understanding	10	006836	6.307	2.278	0.624	1.397	63.070
	Applying Knowledge of Literary Elements	08	006836	5.006	2.012	0.627	1.229	62.575
	Using Strategies to Analyze	08	006836	4.801	2.030	0.626	1.241	60.012
	Applying Critical-Thinking Skills	12	006836	7.653	2.699	0.688	1.508	63.775
Mathematics	COMPLETE SUBTEST	38	007257	21.375	6.250	0.791	2.857	56.250
	Numbers, Operations, and Quantitative Reasoning	08	007257	4.748	1.716	0.420	1.307	59.350
	Patterns, Relationships, and Algebraic Reasoning	08	007257	4.297	1.630	0.328	1.336	53.712
	Geometry and Spatial Reasoning	06	007257	3.165	1.503	0.414	1.151	52.750
	Concepts and Uses of Measurement	04	007257	2.373	1.187	0.433	0.894	59.325
	Probability and Statistics	06	007257	3.252	1.431	0.401	1.108	54.200
Writing	Mathematical Processes and Tools	06	007257	3.540	1.491	0.434	1.122	59.000
	COMPLETE SUBTEST	44	007503	20.756	6.156	0.827	2.560	59.718
	Appropriate Organization of Ideas	04	007503	2.546	1.089	0.343	0.883	63.650
	Correct and Effective Sentence Construction	08	007503	4.426	1.934	0.549	1.299	55.325
	Standard Usage and Appropriate Word Choice	10	007503	6.527	2.231	0.621	1.373	65.270
	Proofreading for Punctuation, Capitalization, and Spelling	10	007503	5.611	2.152	0.569	1.413	56.110

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-M (Spring 2010) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	000062	26.919	7.293	0.881	2.516	70.839
	Basic Understanding	10	000062	7.210	2.113	0.625	1.294	72.100
	Applying Knowledge of Literary Elements	08	000062	5.694	1.843	0.603	1.161	71.175
	Using Strategies to Analyze	08	000062	5.452	2.014	0.684	1.132	68.150
	Applying Critical-Thinking Skills	12	000062	8.565	2.640	0.723	1.389	71.375
Mathematics	COMPLETE SUBTEST	38	000072	22.375	5.398	0.721	2.851	58.881
	Numbers, Operations, and Quantitative Reasoning	08	000072	4.861	1.672	0.396	1.299	60.762
	Patterns, Relationships, and Algebraic Reasoning	08	000072	4.583	1.554	0.264	1.333	57.287
	Geometry and Spatial Reasoning	06	000072	3.194	1.401	0.310	1.164	53.233
	Concepts and Uses of Measurement	04	000072	2.486	1.175	0.469	0.856	62.150
	Probability and Statistics	06	000072	3.514	1.256	0.211	1.116	58.566
	Mathematical Processes and Tools	06	000072	3.736	1.434	0.418	1.094	62.266
Writing	COMPLETE SUBTEST	44	000073	22.493	6.323	0.848	2.465	64.384
	Appropriate Organization of Ideas	04	000073	2.767	1.112	0.471	0.809	69.175
	Correct and Effective Sentence Construction	08	000073	4.699	2.025	0.614	1.258	58.737
	Standard Usage and Appropriate Word Choice	10	000073	6.945	2.172	0.632	1.318	69.450
	Proofreading for Punctuation, Capitalization, and Spelling	10	000073	6.192	2.331	0.674	1.331	61.920

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-M (Spring 2010) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	003372	25.512	7.743	0.887	2.603	67.136
	Basic Understanding	10	003372	6.694	2.295	0.656	1.346	66.940
	Applying Knowledge of Literary Elements	08	003372	5.515	1.980	0.654	1.165	68.937
	Using Strategies to Analyze	08	003372	5.232	2.012	0.641	1.206	65.400
	Applying Critical-Thinking Skills	12	003372	8.071	2.688	0.701	1.470	67.258
Mathematics	COMPLETE SUBTEST	38	004071	22.128	6.569	0.816	2.818	58.231
	Numbers, Operations, and Quantitative Reasoning	08	004071	4.813	1.752	0.455	1.293	60.162
	Patterns, Relationships, and Algebraic Reasoning	08	004071	4.402	1.731	0.420	1.318	55.025
	Geometry and Spatial Reasoning	06	004071	3.310	1.521	0.445	1.133	55.166
	Concepts and Uses of Measurement	04	004071	2.432	1.194	0.450	0.885	60.800
	Probability and Statistics	06	004071	3.437	1.452	0.436	1.090	57.283
	Mathematical Processes and Tools	06	004071	3.735	1.510	0.477	1.092	62.250
Writing	COMPLETE SUBTEST	44	004010	22.005	6.434	0.851	2.484	63.703
	Appropriate Organization of Ideas	04	004010	2.686	1.070	0.368	0.851	67.150
	Correct and Effective Sentence Construction	08	004010	4.791	1.992	0.595	1.268	59.887
	Standard Usage and Appropriate Word Choice	10	004010	7.011	2.244	0.658	1.312	70.110
	Proofreading for Punctuation, Capitalization, and Spelling	10	004010	5.897	2.282	0.635	1.379	58.970

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-M (Spring 2010) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	014140	27.748	7.067	0.881	2.438	73.021
	Basic Understanding	10	014140	7.475	2.066	0.639	1.241	74.750
	Applying Knowledge of Literary Elements	08	014140	6.087	1.771	0.653	1.043	76.087
	Using Strategies to Analyze	08	014140	5.764	1.870	0.635	1.130	72.050
	Applying Critical-Thinking Skills	12	014140	8.422	2.565	0.694	1.419	70.183
Mathematics	COMPLETE SUBTEST	40	015850	21.911	6.292	0.779	2.958	54.777
	Numbers, Operations, and Quantitative Reasoning	08	015850	4.034	1.640	0.315	1.357	50.425
	Patterns, Relationships, and Algebraic Reasoning	08	015850	4.175	1.734	0.416	1.325	52.187
	Geometry and Spatial Reasoning	06	015850	3.392	1.474	0.414	1.128	56.533
	Concepts and Uses of Measurement	04	015850	2.230	1.097	0.281	0.930	55.750
	Probability and Statistics	06	015850	3.795	1.428	0.393	1.113	63.250
	Mathematical Processes and Tools	08	015850	4.286	1.723	0.401	1.334	53.575
Social Studies	COMPLETE SUBTEST	38	014674	24.655	6.330	0.815	2.723	64.881
	Issues and Events in U.S. History	10	014674	6.680	2.031	0.524	1.401	66.800
	Geographic Influences on History	05	014674	3.475	1.165	0.349	0.940	69.500
	Economic and Social Influences on History	07	014674	4.492	1.653	0.510	1.157	64.171
	Political Influences on History	10	014674	6.049	2.070	0.515	1.442	60.490
	Critical-Thinking Skills	06	014674	3.959	1.465	0.489	1.047	65.983
Science	COMPLETE SUBTEST	40	015612	24.929	5.904	0.764	2.868	62.322
	Nature of Science	11	015612	6.762	2.183	0.529	1.498	61.472
	Life Systems and the Environment	10	015612	6.761	1.830	0.449	1.358	67.610
	Structures and Properties of Matter	05	015612	2.880	1.193	0.196	1.070	57.600
	Motion, Forces, and Energy	05	015612	3.308	1.190	0.285	1.006	66.160
	Earth and Space Systems	09	015612	5.218	1.881	0.452	1.392	57.977

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 08 TAKS-M (Spring 2010) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	004619	27.901	6.815	0.872	2.438	73.423
	Basic Understanding	10	004619	7.564	1.985	0.614	1.233	75.640
	Applying Knowledge of Literary Elements	08	004619	6.196	1.733	0.652	1.022	77.450
	Using Strategies to Analyze	08	004619	5.691	1.835	0.607	1.150	71.137
	Applying Critical-Thinking Skills	12	004619	8.451	2.486	0.674	1.419	70.425
Mathematics	COMPLETE SUBTEST	40	005644	21.675	5.995	0.755	2.967	54.187
	Numbers, Operations, and Quantitative Reasoning	08	005644	4.023	1.598	0.275	1.361	50.287
	Patterns, Relationships, and Algebraic Reasoning	08	005644	4.160	1.704	0.399	1.321	52.000
	Geometry and Spatial Reasoning	06	005644	3.310	1.442	0.387	1.129	55.166
	Concepts and Uses of Measurement	04	005644	2.209	1.106	0.302	0.924	55.225
	Probability and Statistics	06	005644	3.804	1.380	0.337	1.124	63.400
	Mathematical Processes and Tools	08	005644	4.168	1.700	0.379	1.340	52.100
Social Studies	COMPLETE SUBTEST	38	005001	23.952	5.857	0.777	2.766	63.031
	Issues and Events in U.S. History	10	005001	6.517	1.941	0.456	1.432	65.170
	Geographic Influences on History	05	005001	3.287	1.144	0.283	0.969	65.740
	Economic and Social Influences on History	07	005001	4.308	1.586	0.453	1.173	61.542
	Political Influences on History	10	005001	5.986	1.993	0.467	1.455	59.860
	Critical-Thinking Skills	06	005001	3.854	1.417	0.434	1.066	64.233
Science	COMPLETE SUBTEST	40	005439	24.482	5.522	0.726	2.890	61.205
	Nature of Science	11	005439	6.573	2.138	0.498	1.515	59.754
	Life Systems and the Environment	10	005439	6.724	1.759	0.390	1.374	67.240
	Structures and Properties of Matter	05	005439	2.923	1.164	0.148	1.074	58.460
	Motion, Forces, and Energy	05	005439	3.242	1.152	0.210	1.024	64.840
	Earth and Space Systems	09	005439	5.021	1.826	0.412	1.400	55.788

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 08 TAKS-M (Spring 2010) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	009502	27.676	7.188	0.885	2.438	72.831
	Basic Understanding	10	009502	7.432	2.105	0.650	1.245	74.320
	Applying Knowledge of Literary Elements	08	009502	6.034	1.787	0.653	1.053	75.425
	Using Strategies to Analyze	08	009502	5.801	1.885	0.648	1.118	72.512
	Applying Critical-Thinking Skills	12	009502	8.409	2.604	0.704	1.417	70.075
Mathematics	COMPLETE SUBTEST	40	010183	22.047	6.448	0.790	2.955	55.117
	Numbers, Operations, and Quantitative Reasoning	08	010183	4.041	1.662	0.336	1.354	50.512
	Patterns, Relationships, and Algebraic Reasoning	08	010183	4.183	1.751	0.428	1.324	52.287
	Geometry and Spatial Reasoning	06	010183	3.437	1.490	0.430	1.125	57.283
	Concepts and Uses of Measurement	04	010183	2.242	1.091	0.268	0.933	56.050
	Probability and Statistics	06	010183	3.792	1.453	0.420	1.107	63.200
	Mathematical Processes and Tools	08	010183	4.352	1.733	0.412	1.329	54.400
Social Studies	COMPLETE SUBTEST	38	009631	25.028	6.530	0.830	2.692	65.863
	Issues and Events in U.S. History	10	009631	6.769	2.069	0.554	1.382	67.690
	Geographic Influences on History	05	009631	3.572	1.163	0.373	0.921	71.440
	Economic and Social Influences on History	07	009631	4.588	1.678	0.534	1.145	65.542
	Political Influences on History	10	009631	6.085	2.107	0.537	1.434	60.850
	Critical-Thinking Skills	06	009631	4.014	1.488	0.514	1.037	66.900
Science	COMPLETE SUBTEST	40	010131	25.174	6.086	0.781	2.848	62.935
	Nature of Science	11	010131	6.864	2.199	0.541	1.490	62.400
	Life Systems and the Environment	10	010131	6.783	1.866	0.478	1.348	67.830
	Structures and Properties of Matter	05	010131	2.857	1.208	0.218	1.068	57.140
	Motion, Forces, and Energy	05	010131	3.345	1.209	0.321	0.996	66.900
	Earth and Space Systems	09	010131	5.326	1.903	0.471	1.384	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 08 TAKS-M (Spring 2010) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	003285	27.579	7.036	0.879	2.447	72.576
	Basic Understanding	10	003285	7.520	2.062	0.643	1.232	75.200
	Applying Knowledge of Literary Elements	08	003285	6.020	1.769	0.642	1.058	75.250
	Using Strategies to Analyze	08	003285	5.693	1.855	0.617	1.148	71.162
	Applying Critical-Thinking Skills	12	003285	8.346	2.579	0.697	1.420	69.550
Mathematics	COMPLETE SUBTEST	40	003738	20.941	5.991	0.752	2.983	52.352
	Numbers, Operations, and Quantitative Reasoning	08	003738	3.832	1.608	0.287	1.358	47.900
	Patterns, Relationships, and Algebraic Reasoning	08	003738	4.012	1.691	0.375	1.337	50.150
	Geometry and Spatial Reasoning	06	003738	3.182	1.450	0.374	1.147	53.033
	Concepts and Uses of Measurement	04	003738	2.081	1.100	0.276	0.936	52.025
	Probability and Statistics	06	003738	3.742	1.434	0.396	1.114	62.366
	Mathematical Processes and Tools	08	003738	4.093	1.694	0.368	1.347	51.162
	COMPLETE SUBTEST	38	003307	24.386	6.133	0.802	2.729	64.173
Social Studies	Issues and Events in U.S. History	10	003307	6.556	2.021	0.509	1.416	65.560
	Geographic Influences on History	05	003307	3.364	1.157	0.324	0.951	67.280
	Economic and Social Influences on History	07	003307	4.515	1.591	0.494	1.132	64.500
	Political Influences on History	10	003307	6.079	2.008	0.482	1.445	60.790
	Critical-Thinking Skills	06	003307	3.872	1.457	0.469	1.062	64.533
Science	COMPLETE SUBTEST	40	003541	24.185	5.805	0.750	2.902	60.462
	Nature of Science	11	003541	6.594	2.160	0.506	1.518	59.945
	Life Systems and the Environment	10	003541	6.585	1.864	0.446	1.387	65.850
	Structures and Properties of Matter	05	003541	2.820	1.201	0.198	1.076	56.400
	Motion, Forces, and Energy	05	003541	3.262	1.176	0.249	1.019	65.240
Earth and Space Systems	09	003541	4.924	1.843	0.420	1.404	54.711	

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-M (Spring 2010) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	000130	27.177	7.740	0.901	2.435	71.518
	Basic Understanding	10	000130	7.492	2.118	0.660	1.235	74.920
	Applying Knowledge of Literary Elements	08	000130	5.685	1.864	0.649	1.104	71.062
	Using Strategies to Analyze	08	000130	5.515	1.950	0.642	1.167	68.937
	Applying Critical-Thinking Skills	12	000130	8.485	3.007	0.803	1.335	70.708
Mathematics	COMPLETE SUBTEST	40	000133	22.534	6.406	0.792	2.922	56.335
	Numbers, Operations, and Quantitative Reasoning	08	000133	4.083	1.628	0.320	1.342	51.037
	Patterns, Relationships, and Algebraic Reasoning	08	000133	4.098	1.753	0.425	1.329	51.225
	Geometry and Spatial Reasoning	06	000133	3.541	1.584	0.541	1.073	59.016
	Concepts and Uses of Measurement	04	000133	2.481	1.098	0.352	0.884	62.025
	Probability and Statistics	06	000133	4.015	1.237	0.184	1.117	66.916
	Mathematical Processes and Tools	08	000133	4.316	1.611	0.291	1.356	53.950
Social Studies	COMPLETE SUBTEST	38	000126	25.381	6.619	0.840	2.648	66.792
	Issues and Events in U.S. History	10	000126	6.905	2.185	0.628	1.333	69.050
	Geographic Influences on History	05	000126	3.516	1.212	0.405	0.935	70.320
	Economic and Social Influences on History	07	000126	4.452	1.583	0.474	1.148	63.600
	Political Influences on History	10	000126	6.325	2.219	0.603	1.398	63.250
	Critical-Thinking Skills	06	000126	4.183	1.370	0.447	1.019	69.716
Science	COMPLETE SUBTEST	40	000135	25.215	5.571	0.732	2.884	63.037
	Nature of Science	11	000135	6.719	2.198	0.535	1.499	61.081
	Life Systems and the Environment	10	000135	6.837	1.737	0.359	1.391	68.370
	Structures and Properties of Matter	05	000135	2.948	1.217	0.238	1.062	58.960
	Motion, Forces, and Energy	05	000135	3.415	1.135	0.235	0.993	68.300
	Earth and Space Systems	09	000135	5.296	1.849	0.430	1.396	58.844

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-M (Spring 2010) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	007164	27.287	7.134	0.880	2.471	71.807
	Basic Understanding	10	007164	7.372	2.074	0.630	1.262	73.720
	Applying Knowledge of Literary Elements	08	007164	5.994	1.793	0.650	1.061	74.925
	Using Strategies to Analyze	08	007164	5.643	1.909	0.641	1.144	70.537
	Applying Critical-Thinking Skills	12	007164	8.277	2.572	0.687	1.439	68.975
Mathematics	COMPLETE SUBTEST	40	007647	21.825	6.252	0.775	2.966	54.562
	Numbers, Operations, and Quantitative Reasoning	08	007647	4.059	1.639	0.316	1.356	50.737
	Patterns, Relationships, and Algebraic Reasoning	08	007647	4.173	1.732	0.413	1.327	52.162
	Geometry and Spatial Reasoning	06	007647	3.408	1.467	0.407	1.130	56.800
	Concepts and Uses of Measurement	04	007647	2.198	1.087	0.263	0.933	54.950
	Probability and Statistics	06	007647	3.721	1.427	0.382	1.122	62.016
	Mathematical Processes and Tools	08	007647	4.266	1.715	0.392	1.337	53.325
Social Studies	COMPLETE SUBTEST	38	007553	24.158	6.329	0.812	2.744	63.573
	Issues and Events in U.S. History	10	007553	6.585	2.028	0.517	1.409	65.850
	Geographic Influences on History	05	007553	3.443	1.170	0.350	0.943	68.860
	Economic and Social Influences on History	07	007553	4.319	1.682	0.508	1.180	61.700
	Political Influences on History	10	007553	5.931	2.066	0.507	1.451	59.310
	Critical-Thinking Skills	06	007553	3.879	1.466	0.480	1.057	64.650
Science	COMPLETE SUBTEST	40	007929	24.484	5.793	0.751	2.891	61.210
	Nature of Science	11	007929	6.615	2.145	0.501	1.515	60.136
	Life Systems and the Environment	10	007929	6.652	1.829	0.440	1.369	66.520
	Structures and Properties of Matter	05	007929	2.844	1.186	0.178	1.075	56.880
	Motion, Forces, and Energy	05	007929	3.256	1.192	0.274	1.016	65.120
	Earth and Space Systems	09	007929	5.116	1.866	0.434	1.404	56.844

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-M (Spring 2010) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	000055	27.691	7.608	0.902	2.382	72.871
	Basic Understanding	10	000055	7.327	2.253	0.703	1.228	73.270
	Applying Knowledge of Literary Elements	08	000055	6.291	1.760	0.680	0.996	78.637
	Using Strategies to Analyze	08	000055	5.691	1.762	0.565	1.162	71.137
	Applying Critical-Thinking Skills	12	000055	8.382	2.691	0.731	1.396	69.850
Mathematics	COMPLETE SUBTEST	40	000073	22.342	6.838	0.818	2.917	55.855
	Numbers, Operations, and Quantitative Reasoning	08	000073	3.973	1.675	0.339	1.362	49.662
	Patterns, Relationships, and Algebraic Reasoning	08	000073	4.274	1.880	0.553	1.257	53.425
	Geometry and Spatial Reasoning	06	000073	3.342	1.465	0.399	1.136	55.700
	Concepts and Uses of Measurement	04	000073	2.301	1.037	0.149	0.957	57.525
	Probability and Statistics	06	000073	3.932	1.398	0.379	1.102	65.533
	Mathematical Processes and Tools	08	000073	4.521	1.849	0.499	1.309	56.512
Social Studies	COMPLETE SUBTEST	38	000064	25.641	6.119	0.809	2.674	67.476
	Issues and Events in U.S. History	10	000064	7.063	2.031	0.564	1.341	70.630
	Geographic Influences on History	05	000064	3.500	1.113	0.282	0.943	70.000
	Economic and Social Influences on History	07	000064	4.672	1.653	0.530	1.133	66.742
	Political Influences on History	10	000064	6.188	1.934	0.434	1.455	61.880
	Critical-Thinking Skills	06	000064	4.219	1.578	0.628	0.962	70.316
Science	COMPLETE SUBTEST	40	000067	26.597	5.789	0.772	2.764	66.492
	Nature of Science	11	000067	7.254	2.141	0.548	1.439	65.945
	Life Systems and the Environment	10	000067	6.896	1.843	0.487	1.320	68.960
	Structures and Properties of Matter	05	000067	3.030	1.302	0.405	1.004	60.600
	Motion, Forces, and Energy	05	000067	3.701	1.128	0.316	0.933	74.020
	Earth and Space Systems	09	000067	5.716	1.881	0.491	1.342	63.511

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 08 TAKS-M (Spring 2010) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	003497	28.879	6.801	0.881	2.346	75.997
	Basic Understanding	10	003497	7.646	2.039	0.650	1.206	76.460
	Applying Knowledge of Literary Elements	08	003497	6.353	1.696	0.659	0.990	79.412
	Using Strategies to Analyze	08	003497	6.089	1.762	0.626	1.078	76.112
	Applying Critical-Thinking Skills	12	003497	8.791	2.481	0.693	1.375	73.258
Mathematics	COMPLETE SUBTEST	40	004245	22.896	6.457	0.795	2.924	57.240
	Numbers, Operations, and Quantitative Reasoning	08	004245	4.163	1.652	0.326	1.356	52.037
	Patterns, Relationships, and Algebraic Reasoning	08	004245	4.322	1.758	0.446	1.309	54.025
	Geometry and Spatial Reasoning	06	004245	3.544	1.483	0.442	1.108	59.066
	Concepts and Uses of Measurement	04	004245	2.411	1.086	0.285	0.918	60.275
	Probability and Statistics	06	004245	3.969	1.413	0.403	1.092	66.150
	Mathematical Processes and Tools	08	004245	4.486	1.743	0.432	1.314	56.075
	COMPLETE SUBTEST	38	003597	25.902	6.337	0.825	2.651	68.163
Social Studies	Issues and Events in U.S. History	10	003597	6.980	2.012	0.541	1.363	69.800
	Geographic Influences on History	05	003597	3.639	1.145	0.363	0.914	72.780
	Economic and Social Influences on History	07	003597	4.831	1.596	0.506	1.122	69.014
	Political Influences on History	10	003597	6.259	2.111	0.549	1.418	62.590
	Critical-Thinking Skills	06	003597	4.194	1.448	0.511	1.013	69.900
Science	COMPLETE SUBTEST	40	003912	26.461	5.955	0.782	2.780	66.152
	Nature of Science	11	003912	7.200	2.221	0.578	1.443	65.454
	Life Systems and the Environment	10	003912	7.135	1.747	0.444	1.303	71.350
	Structures and Properties of Matter	05	003912	3.001	1.189	0.212	1.055	60.020
	Motion, Forces, and Energy	05	003912	3.446	1.190	0.326	0.977	68.920
Earth and Space Systems	09	003912	5.678	1.867	0.474	1.354	63.088	

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-M (Spring 2010) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	014251	23.599	6.069	0.897	1.948	78.663
	Basic Understanding	08	014251	6.402	1.810	0.711	0.973	80.025
	Literary Elements and Techniques	11	014251	8.509	2.453	0.757	1.209	77.354
	Analysis and Evaluation	11	014251	8.688	2.384	0.755	1.180	78.981
Mathematics	COMPLETE SUBTEST	42	016833	21.890	6.189	0.761	3.026	52.119
	Functional Relationships	05	016833	2.504	1.166	0.199	1.044	50.080
	Properties and Attributes of Functions	04	016833	2.201	1.110	0.275	0.945	55.025
	Linear Functions	04	016833	2.000	1.071	0.187	0.966	50.000
	Linear Equations and Inequalities	04	016833	1.749	1.010	0.102	0.957	43.725
	Quadratic and Other Nonlinear Functions	03	016833	1.646	0.934	0.279	0.793	54.866
	Geometric Relationships and Spatial Reasoning	03	016833	1.723	0.958	0.301	0.801	57.433
	Two- and Three-Dimensional Representations	03	016833	1.753	0.872	0.182	0.789	58.433
	Measurement and Similarity	05	016833	2.814	1.221	0.297	1.024	56.280
	Percents/Proportions/Probability/Statistics	04	016833	2.408	1.145	0.419	0.873	60.200
	Mathematical Processes and Tools	07	016833	3.092	1.451	0.253	1.254	44.171

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-M (Spring 2010) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	004428	24.145	5.718	0.890	1.896	80.483
	Basic Understanding	08	004428	6.550	1.708	0.694	0.945	81.875
	Literary Elements and Techniques	11	004428	8.706	2.317	0.739	1.184	79.145
	Analysis and Evaluation	11	004428	8.889	2.260	0.744	1.143	80.809
Mathematics	COMPLETE SUBTEST	42	005735	22.133	6.059	0.751	3.023	52.697
	Functional Relationships	05	005735	2.507	1.161	0.199	1.039	50.140
	Properties and Attributes of Functions	04	005735	2.283	1.085	0.251	0.939	57.075
	Linear Functions	04	005735	2.003	1.060	0.167	0.967	50.075
	Linear Equations and Inequalities	04	005735	1.763	0.999	0.076	0.960	44.075
	Quadratic and Other Nonlinear Functions	03	005735	1.714	0.936	0.293	0.787	57.133
	Geometric Relationships and Spatial Reasoning	03	005735	1.712	0.944	0.262	0.811	57.066
	Two- and Three-Dimensional Representations	03	005735	1.796	0.858	0.153	0.790	59.866
	Measurement and Similarity	05	005735	2.854	1.231	0.316	1.018	57.080
	Percents/Proportions/Probability/Statistics	04	005735	2.378	1.130	0.415	0.864	59.450
	Mathematical Processes and Tools	07	005735	3.123	1.472	0.276	1.252	44.614

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-M (Spring 2010) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	009786	23.359	6.202	0.899	1.971	77.863
	Basic Understanding	08	009786	6.337	1.850	0.716	0.986	79.212
	Literary Elements and Techniques	11	009786	8.422	2.506	0.762	1.223	76.563
	Analysis and Evaluation	11	009786	8.599	2.430	0.758	1.195	78.172
Mathematics	COMPLETE SUBTEST	42	011049	21.773	6.253	0.766	3.025	51.840
	Functional Relationships	05	011049	2.504	1.169	0.199	1.046	50.080
	Properties and Attributes of Functions	04	011049	2.159	1.120	0.287	0.946	53.975
	Linear Functions	04	011049	2.000	1.077	0.197	0.965	50.000
	Linear Equations and Inequalities	04	011049	1.742	1.017	0.120	0.954	43.550
	Quadratic and Other Nonlinear Functions	03	011049	1.612	0.930	0.269	0.795	53.733
	Geometric Relationships and Spatial Reasoning	03	011049	1.729	0.965	0.321	0.795	57.633
	Two- and Three-Dimensional Representations	03	011049	1.731	0.878	0.198	0.786	57.700
	Measurement and Similarity	05	011049	2.796	1.215	0.286	1.027	55.920
	Percents/Proportions/Probability/Statistics	04	011049	2.423	1.152	0.424	0.874	60.575
	Mathematical Processes and Tools	07	011049	3.076	1.439	0.242	1.253	43.942

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-M (Spring 2010) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	003472	23.559	6.026	0.894	1.962	78.530
	Basic Understanding	08	003472	6.428	1.796	0.710	0.967	80.350
	Literary Elements and Techniques	11	003472	8.495	2.448	0.754	1.214	77.227
	Analysis and Evaluation	11	003472	8.637	2.377	0.748	1.193	78.518
Mathematics	COMPLETE SUBTEST	42	004158	21.057	5.976	0.740	3.047	50.135
	Functional Relationships	05	004158	2.430	1.169	0.188	1.053	48.600
	Properties and Attributes of Functions	04	004158	2.138	1.086	0.223	0.957	53.450
	Linear Functions	04	004158	1.923	1.055	0.145	0.976	48.075
	Linear Equations and Inequalities	04	004158	1.720	1.006	0.086	0.962	43.000
	Quadratic and Other Nonlinear Functions	03	004158	1.644	0.940	0.279	0.798	54.800
	Geometric Relationships and Spatial Reasoning	03	004158	1.567	0.958	0.278	0.814	52.233
	Two- and Three-Dimensional Representations	03	004158	1.718	0.877	0.193	0.788	57.266
	Measurement and Similarity	05	004158	2.669	1.228	0.293	1.033	53.380
	Percents/Proportions/Probability/Statistics	04	004158	2.263	1.139	0.396	0.885	56.575
	Mathematical Processes and Tools	07	004158	2.986	1.399	0.189	1.260	42.657

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-M (Spring 2010) Asian Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	000126	22.873	6.370	0.900	2.014	76.243
	Basic Understanding	08	000126	6.373	1.819	0.710	0.980	79.662
	Literary Elements and Techniques	11	000126	8.206	2.675	0.787	1.235	74.600
	Analysis and Evaluation	11	000126	8.294	2.414	0.725	1.266	75.400
Mathematics	COMPLETE SUBTEST	42	000131	22.405	6.341	0.778	2.988	53.345
	Functional Relationships	05	000131	2.611	1.106	0.134	1.029	52.220
	Properties and Attributes of Functions	04	000131	2.290	1.154	0.385	0.905	57.250
	Linear Functions	04	000131	1.969	1.059	0.222	0.934	49.225
	Linear Equations and Inequalities	04	000131	1.748	1.033	0.194	0.927	43.700
	Quadratic and Other Nonlinear Functions	03	000131	1.786	0.920	0.252	0.796	59.533
	Geometric Relationships and Spatial Reasoning	03	000131	1.786	0.984	0.384	0.772	59.533
	Two- and Three-Dimensional Representations	03	000131	1.809	0.921	0.290	0.776	60.300
	Measurement and Similarity	05	000131	2.840	1.208	0.264	1.036	56.800
	Percents/Proportions/Probability/Statistics	04	000131	2.420	1.183	0.490	0.845	60.500
	Mathematical Processes and Tools	07	000131	3.145	1.404	0.199	1.257	44.928

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 09 TAKS-M (Spring 2010) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	007126	23.054	6.211	0.896	2.003	76.846
	Basic Understanding	08	007126	6.247	1.866	0.709	1.007	78.087
	Literary Elements and Techniques	11	007126	8.310	2.508	0.754	1.244	75.545
	Analysis and Evaluation	11	007126	8.497	2.431	0.750	1.216	77.245
Mathematics	COMPLETE SUBTEST	42	007926	21.746	6.130	0.756	3.028	51.776
	Functional Relationships	05	007926	2.491	1.173	0.209	1.043	49.820
	Properties and Attributes of Functions	04	007926	2.179	1.113	0.279	0.945	54.475
	Linear Functions	04	007926	1.979	1.068	0.187	0.963	49.475
	Linear Equations and Inequalities	04	007926	1.749	1.010	0.105	0.956	43.725
	Quadratic and Other Nonlinear Functions	03	007926	1.645	0.931	0.282	0.789	54.833
	Geometric Relationships and Spatial Reasoning	03	007926	1.741	0.958	0.307	0.798	58.033
	Two- and Three-Dimensional Representations	03	007926	1.723	0.870	0.171	0.792	57.433
	Measurement and Similarity	05	007926	2.783	1.217	0.286	1.028	55.660
	Percents/Proportions/Probability/Statistics	04	007926	2.389	1.141	0.414	0.873	59.725
	Mathematical Processes and Tools	07	007926	3.066	1.444	0.240	1.259	43.800

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-M (Spring 2010) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	000083	24.976	5.310	0.886	1.793	83.253
	Basic Understanding	08	000083	6.783	1.718	0.755	0.850	84.787
	Literary Elements and Techniques	11	000083	9.048	2.005	0.675	1.143	82.254
	Analysis and Evaluation	11	000083	9.145	2.078	0.718	1.103	83.136
Mathematics	COMPLETE SUBTEST	42	000094	22.574	5.972	0.748	2.998	53.747
	Functional Relationships	05	000094	2.585	1.168	0.286	0.987	51.700
	Properties and Attributes of Functions	04	000094	2.160	1.110	0.266	0.951	54.000
	Linear Functions	04	000094	2.181	1.191	0.431	0.898	54.525
	Linear Equations and Inequalities	04	000094	1.691	0.984	0.033	0.968	42.275
	Quadratic and Other Nonlinear Functions	03	000094	1.713	0.923	0.284	0.781	57.100
	Geometric Relationships and Spatial Reasoning	03	000094	1.819	0.927	0.269	0.793	60.633
	Two- and Three-Dimensional Representations	03	000094	1.755	0.825	0.082	0.790	58.500
	Measurement and Similarity	05	000094	3.043	1.154	0.179	1.046	60.860
	Percents/Proportions/Probability/Statistics	04	000094	2.511	1.114	0.438	0.835	62.775
	Mathematical Processes and Tools	07	000094	3.117	1.502	0.310	1.248	44.528

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-M (Spring 2010) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	003424	24.763	5.642	0.897	1.811	82.543
	Basic Understanding	08	003424	6.688	1.669	0.705	0.906	83.600
	Literary Elements and Techniques	11	003424	8.935	2.283	0.755	1.130	81.227
	Analysis and Evaluation	11	003424	9.140	2.232	0.765	1.082	83.090
Mathematics	COMPLETE SUBTEST	42	004495	22.898	6.352	0.778	2.993	54.519
	Functional Relationships	05	004495	2.594	1.149	0.187	1.036	51.880
	Properties and Attributes of Functions	04	004495	2.295	1.119	0.307	0.932	57.375
	Linear Functions	04	004495	2.107	1.081	0.214	0.958	52.675
	Linear Equations and Inequalities	04	004495	1.779	1.016	0.115	0.956	44.475
	Quadratic and Other Nonlinear Functions	03	004495	1.647	0.933	0.274	0.795	54.900
	Geometric Relationships and Spatial Reasoning	03	004495	1.830	0.941	0.293	0.791	61.000
	Two- and Three-Dimensional Representations	03	004495	1.837	0.864	0.191	0.777	61.233
	Measurement and Similarity	05	004495	3.001	1.204	0.302	1.006	60.020
	Percents/Proportions/Probability/Statistics	04	004495	2.574	1.135	0.433	0.855	64.350
	Mathematical Processes and Tools	07	004495	3.235	1.499	0.320	1.236	46.214

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-M (Spring 2010) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	011004	27.699	7.429	0.863	2.750	72.661	
	Basic Understanding	07	011004	5.285	1.597	0.377	1.261	75.500	
	Literary Elements and Techniques	07	011004	5.035	1.788	0.565	1.179	71.928	
	Analysis and Evaluation	08	011004	6.455	1.773	0.484	1.274	80.687	
	Revising and Editing	14	011004	9.383	3.139	0.704	1.708	67.021	
Mathematics	COMPLETE SUBTEST	45	013567	23.306	6.859	0.788	3.158	51.791	
	Functional Relationships	04	013567	2.042	1.071	0.200	0.958	51.050	
	Properties and Attributes of Functions	04	013567	1.917	1.088	0.255	0.939	47.925	
	Linear Functions	04	013567	1.943	1.091	0.236	0.954	48.575	
	Linear Equations and Inequalities	04	013567	1.772	1.078	0.212	0.957	44.300	
	Quadratic and Other Nonlinear Functions	04	013567	2.388	1.080	0.284	0.914	59.700	
	Geometric Relationships and Spatial Reasoning	04	013567	2.061	1.085	0.224	0.956	51.525	
	Two- and Three-Dimensional Representations	04	013567	2.438	1.143	0.388	0.894	60.950	
	Measurement and Similarity	06	013567	3.006	1.442	0.349	1.163	50.100	
	Percents/Proportions/Probability/Statistics	04	013567	2.362	1.058	0.268	0.905	59.050	
	Mathematical Processes and Tools	07	013567	3.377	1.574	0.351	1.268	48.242	
	Social Studies	COMPLETE SUBTEST	40	009742	24.591	7.201	0.846	2.826	61.477
		Issues and Events in U.S. History	05	009742	2.811	1.268	0.299	1.062	56.220
Geographic Influences on History		10	009742	6.422	2.224	0.614	1.382	64.220	
Economic and Social Influences on History		06	009742	4.059	1.518	0.549	1.019	67.650	
Political Influences on History		09	009742	5.325	1.919	0.475	1.390	59.166	
Critical-Thinking Skills		10	009742	5.974	2.249	0.611	1.403	59.740	
Science	COMPLETE SUBTEST	44	011566	26.236	7.355	0.833	3.006	59.627	
	Nature of Science	14	011566	8.722	2.854	0.671	1.637	62.300	
	Organization of Living Systems	09	011566	5.519	1.796	0.425	1.362	61.322	
	Interdependence of Organisms and the Environment	09	011566	5.089	2.057	0.548	1.383	56.544	
	Structures and Properties of Matter	06	011566	3.220	1.401	0.319	1.156	53.666	
	Motion, Forces, and Energy	06	011566	3.686	1.462	0.426	1.108	61.433	

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-M (Spring 2010) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	003648	28.400	7.090	0.847	2.773	74.327	
	Basic Understanding	07	003648	5.327	1.544	0.322	1.271	76.100	
	Literary Elements and Techniques	07	003648	5.143	1.737	0.534	1.186	73.471	
	Analysis and Evaluation	08	003648	6.553	1.669	0.396	1.297	81.912	
	Revising and Editing	14	003648	9.735	2.957	0.663	1.717	69.535	
Mathematics	COMPLETE SUBTEST	45	004836	23.279	6.665	0.775	3.161	51.731	
	Functional Relationships	04	004836	2.126	1.076	0.220	0.950	53.150	
	Properties and Attributes of Functions	04	004836	1.921	1.079	0.234	0.944	48.025	
	Linear Functions	04	004836	1.936	1.100	0.256	0.949	48.400	
	Linear Equations and Inequalities	04	004836	1.800	1.075	0.202	0.960	45.000	
	Quadratic and Other Nonlinear Functions	04	004836	2.428	1.068	0.270	0.912	60.700	
	Geometric Relationships and Spatial Reasoning	04	004836	2.030	1.072	0.200	0.959	50.750	
	Two- and Three-Dimensional Representations	04	004836	2.362	1.148	0.378	0.905	59.050	
	Measurement and Similarity	06	004836	3.001	1.419	0.324	1.167	50.016	
	Percents/Proportions/Probability/Statistics	04	004836	2.341	1.048	0.272	0.894	58.525	
	Mathematical Processes and Tools	07	004836	3.333	1.516	0.294	1.274	47.614	
	Social Studies	COMPLETE SUBTEST	40	003339	24.096	6.638	0.814	2.863	60.240
		Issues and Events in U.S. History	05	003339	2.740	1.230	0.244	1.069	54.800
Geographic Influences on History		10	003339	6.294	2.112	0.561	1.399	62.940	
Economic and Social Influences on History		06	003339	4.041	1.467	0.495	1.042	67.350	
Political Influences on History		09	003339	5.215	1.825	0.402	1.411	57.944	
Critical-Thinking Skills		10	003339	5.805	2.148	0.562	1.422	58.050	
Science	COMPLETE SUBTEST	44	004086	25.676	6.857	0.804	3.036	58.354	
	Nature of Science	14	004086	8.523	2.746	0.633	1.664	60.878	
	Organization of Living Systems	09	004086	5.425	1.771	0.399	1.373	60.277	
	Interdependence of Organisms and the Environment	09	004086	4.930	1.964	0.491	1.401	54.777	
	Structures and Properties of Matter	06	004086	3.070	1.341	0.243	1.167	51.166	
	Motion, Forces, and Energy	06	004086	3.728	1.415	0.392	1.103	62.133	

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 10 TAKS-M (Spring 2010) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	007348	27.350	7.568	0.869	2.739	71.827	
	Basic Understanding	07	007348	5.264	1.623	0.403	1.254	75.200	
	Literary Elements and Techniques	07	007348	4.980	1.811	0.579	1.175	71.142	
	Analysis and Evaluation	08	007348	6.407	1.821	0.522	1.259	80.087	
	Revising and Editing	14	007348	9.207	3.211	0.719	1.702	65.764	
Mathematics	COMPLETE SUBTEST	45	008703	23.331	6.966	0.795	3.154	51.846	
	Functional Relationships	04	008703	1.996	1.065	0.185	0.961	49.900	
	Properties and Attributes of Functions	04	008703	1.915	1.093	0.273	0.932	47.875	
	Linear Functions	04	008703	1.949	1.087	0.226	0.956	48.725	
	Linear Equations and Inequalities	04	008703	1.759	1.080	0.223	0.952	43.975	
	Quadratic and Other Nonlinear Functions	04	008703	2.365	1.085	0.291	0.914	59.125	
	Geometric Relationships and Spatial Reasoning	04	008703	2.080	1.091	0.237	0.953	52.000	
	Two- and Three-Dimensional Representations	04	008703	2.481	1.139	0.396	0.885	62.025	
	Measurement and Similarity	06	008703	3.008	1.454	0.365	1.159	50.133	
	Percents/Proportions/Probability/Statistics	04	008703	2.374	1.063	0.268	0.909	59.350	
	Mathematical Processes and Tools	07	008703	3.402	1.607	0.383	1.262	48.600	
	Social Studies	COMPLETE SUBTEST	40	006385	24.854	7.469	0.859	2.805	62.135
		Issues and Events in U.S. History	05	006385	2.848	1.285	0.328	1.053	56.960
Geographic Influences on History		10	006385	6.492	2.277	0.638	1.370	64.920	
Economic and Social Influences on History		06	006385	4.069	1.544	0.576	1.005	67.816	
Political Influences on History		09	006385	5.383	1.965	0.508	1.378	59.811	
Critical-Thinking Skills		10	006385	6.062	2.297	0.634	1.390	60.620	
Science	COMPLETE SUBTEST	44	007458	26.543	7.599	0.846	2.982	60.325	
	Nature of Science	14	007458	8.831	2.908	0.689	1.622	63.078	
	Organization of Living Systems	09	007458	5.571	1.809	0.439	1.355	61.900	
	Interdependence of Organisms and the Environment	09	007458	5.176	2.100	0.574	1.371	57.511	
	Structures and Properties of Matter	06	007458	3.302	1.426	0.351	1.149	55.033	
	Motion, Forces, and Energy	06	007458	3.663	1.485	0.446	1.105	61.050	

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-M (Spring 2010) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	002673	27.608	7.365	0.859	2.766	72.477	
	Basic Understanding	07	002673	5.354	1.561	0.337	1.271	76.485	
	Literary Elements and Techniques	07	002673	5.033	1.778	0.551	1.191	71.900	
	Analysis and Evaluation	08	002673	6.478	1.769	0.462	1.298	80.975	
	Revising and Editing	14	002673	9.227	3.138	0.707	1.699	65.907	
Mathematics	COMPLETE SUBTEST	45	003292	22.091	6.562	0.765	3.181	49.091	
	Functional Relationships	04	003292	1.972	1.068	0.187	0.963	49.300	
	Properties and Attributes of Functions	04	003292	1.785	1.073	0.228	0.943	44.625	
	Linear Functions	04	003292	1.872	1.077	0.206	0.960	46.800	
	Linear Equations and Inequalities	04	003292	1.731	1.068	0.199	0.956	43.275	
	Quadratic and Other Nonlinear Functions	04	003292	2.329	1.066	0.255	0.920	58.225	
	Geometric Relationships and Spatial Reasoning	04	003292	1.930	1.075	0.203	0.960	48.250	
	Two- and Three-Dimensional Representations	04	003292	2.201	1.143	0.334	0.933	55.025	
	Measurement and Similarity	06	003292	2.784	1.393	0.288	1.175	46.400	
	Percents/Proportions/Probability/Statistics	04	003292	2.267	1.053	0.257	0.908	56.675	
	Mathematical Processes and Tools	07	003292	3.222	1.526	0.306	1.271	46.028	
	Social Studies	COMPLETE SUBTEST	40	002429	23.610	7.116	0.838	2.864	59.025
		Issues and Events in U.S. History	05	002429	2.697	1.267	0.289	1.068	53.940
Geographic Influences on History		10	002429	6.171	2.219	0.596	1.410	61.710	
Economic and Social Influences on History		06	002429	3.923	1.565	0.571	1.025	65.383	
Political Influences on History		09	002429	5.182	1.944	0.484	1.396	57.577	
Critical-Thinking Skills		10	002429	5.636	2.192	0.576	1.427	56.360	
Science	COMPLETE SUBTEST	44	002858	25.284	7.201	0.821	3.047	57.463	
	Nature of Science	14	002858	8.383	2.806	0.646	1.670	59.878	
	Organization of Living Systems	09	002858	5.380	1.788	0.404	1.380	59.777	
	Interdependence of Organisms and the Environment	09	002858	4.862	2.029	0.527	1.395	54.022	
	Structures and Properties of Matter	06	002858	3.107	1.379	0.283	1.168	51.783	
	Motion, Forces, and Energy	06	002858	3.551	1.483	0.433	1.117	59.183	

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-M (Spring 2010) Asian Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	45	000096	26.167	8.338	0.901	2.623	68.836	
	Basic Understanding	07	000096	4.823	1.795	0.564	1.185	68.900	
	Literary Elements and Techniques	07	000096	4.813	1.905	0.673	1.089	68.757	
	Analysis and Evaluation	08	000096	5.865	2.071	0.687	1.159	73.312	
	Revising and Editing	14	000096	9.281	3.365	0.754	1.669	66.292	
Mathematics	COMPLETE SUBTEST	45	000116	23.974	6.656	0.776	3.150	53.275	
	Functional Relationships	04	000116	2.172	1.159	0.390	0.905	54.300	
	Properties and Attributes of Functions	04	000116	2.095	1.087	0.254	0.939	52.375	
	Linear Functions	04	000116	2.129	1.034	0.141	0.958	53.225	
	Linear Equations and Inequalities	04	000116	1.914	1.108	0.267	0.949	47.850	
	Quadratic and Other Nonlinear Functions	04	000116	2.534	1.017	0.205	0.907	63.350	
	Geometric Relationships and Spatial Reasoning	04	000116	2.026	1.153	0.353	0.927	50.650	
	Two- and Three-Dimensional Representations	04	000116	2.267	1.240	0.502	0.875	56.675	
	Measurement and Similarity	06	000116	3.034	1.351	0.251	1.169	50.566	
	Percents/Proportions/Probability/Statistics	04	000116	2.371	1.017	0.197	0.911	59.275	
	Mathematical Processes and Tools	07	000116	3.431	1.440	0.200	1.288	49.014	
	Social Studies	COMPLETE SUBTEST	40	000085	24.506	7.804	0.872	2.792	61.265
		Issues and Events in U.S. History	05	000085	2.529	1.221	0.217	1.080	50.580
Geographic Influences on History		10	000085	6.447	2.418	0.686	1.355	64.470	
Economic and Social Influences on History		06	000085	4.294	1.646	0.671	0.944	71.566	
Political Influences on History		09	000085	5.153	2.009	0.540	1.363	57.255	
Critical-Thinking Skills		10	000085	6.082	2.475	0.688	1.382	60.820	
Science	COMPLETE SUBTEST	44	000098	25.571	7.245	0.830	2.987	58.115	
	Nature of Science	14	000098	8.265	2.849	0.671	1.634	59.035	
	Organization of Living Systems	09	000098	5.571	1.878	0.500	1.328	61.900	
	Interdependence of Organisms and the Environment	09	000098	4.888	2.015	0.517	1.400	54.311	
	Structures and Properties of Matter	06	000098	3.051	1.303	0.198	1.167	50.850	
	Motion, Forces, and Energy	06	000098	3.796	1.436	0.447	1.068	63.266	

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 10 TAKS-M (Spring 2010) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	005135	27.196	7.476	0.865	2.747	71.244	
	Basic Understanding	07	005135	5.149	1.622	0.402	1.254	73.557	
	Literary Elements and Techniques	07	005135	4.885	1.818	0.586	1.170	69.785	
	Analysis and Evaluation	08	005135	6.362	1.818	0.518	1.262	79.525	
	Revising and Editing	14	005135	9.251	3.099	0.698	1.703	66.078	
Mathematics	COMPLETE SUBTEST	45	005941	23.460	6.836	0.787	3.155	52.133	
	Functional Relationships	04	005941	2.089	1.072	0.210	0.953	52.225	
	Properties and Attributes of Functions	04	005941	1.933	1.097	0.264	0.941	48.325	
	Linear Functions	04	005941	1.900	1.083	0.221	0.956	47.500	
	Linear Equations and Inequalities	04	005941	1.785	1.076	0.206	0.959	44.625	
	Quadratic and Other Nonlinear Functions	04	005941	2.396	1.086	0.292	0.914	59.900	
	Geometric Relationships and Spatial Reasoning	04	005941	2.075	1.080	0.219	0.954	51.875	
	Two- and Three-Dimensional Representations	04	005941	2.511	1.124	0.379	0.886	62.775	
	Measurement and Similarity	06	005941	3.033	1.438	0.348	1.161	50.550	
	Percents/Proportions/Probability/Statistics	04	005941	2.348	1.061	0.274	0.904	58.700	
	Mathematical Processes and Tools	07	005941	3.389	1.568	0.345	1.269	48.414	
	Social Studies	COMPLETE SUBTEST	40	004550	24.402	6.979	0.834	2.843	61.005
		Issues and Events in U.S. History	05	004550	2.798	1.257	0.286	1.062	55.960
Geographic Influences on History		10	004550	6.397	2.182	0.595	1.389	63.970	
Economic and Social Influences on History		06	004550	4.025	1.500	0.530	1.028	67.083	
Political Influences on History		09	004550	5.261	1.861	0.429	1.406	58.455	
Science	Critical-Thinking Skills	10	004550	5.921	2.217	0.594	1.413	59.210	
	COMPLETE SUBTEST	44	005264	25.502	6.981	0.811	3.035	57.959	
	Nature of Science	14	005264	8.448	2.723	0.628	1.661	60.342	
	Organization of Living Systems	09	005264	5.357	1.770	0.399	1.372	59.522	
	Interdependence of Organisms and the Environment	09	005264	4.902	2.004	0.511	1.401	54.466	
	Structures and Properties of Matter	06	005264	3.135	1.375	0.288	1.160	52.250	
Motion, Forces, and Energy	06	005264	3.660	1.436	0.401	1.111	61.000		

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-M (Spring 2010) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	000050	27.160	8.272	0.896	2.668	71.277	
	Basic Understanding	07	000050	4.980	1.974	0.654	1.161	71.142	
	Literary Elements and Techniques	07	000050	4.860	2.041	0.718	1.084	69.428	
	Analysis and Evaluation	08	000050	6.300	1.729	0.470	1.259	78.750	
	Revising and Editing	14	000050	9.520	2.985	0.672	1.710	68.000	
Mathematics	COMPLETE SUBTEST	45	000067	22.896	7.431	0.826	3.100	50.880	
	Functional Relationships	04	000067	1.791	1.135	0.327	0.931	44.775	
	Properties and Attributes of Functions	04	000067	1.791	1.052	0.292	0.885	44.775	
	Linear Functions	04	000067	2.075	1.247	0.493	0.888	51.875	
	Linear Equations and Inequalities	04	000067	1.672	1.120	0.319	0.924	41.800	
	Quadratic and Other Nonlinear Functions	04	000067	2.403	1.102	0.320	0.909	60.075	
	Geometric Relationships and Spatial Reasoning	04	000067	2.075	1.271	0.527	0.874	51.875	
	Two- and Three-Dimensional Representations	04	000067	2.343	1.250	0.557	0.832	58.575	
	Measurement and Similarity	06	000067	2.896	1.468	0.395	1.142	48.266	
	Percents/Proportions/Probability/Statistics	04	000067	2.478	1.035	0.235	0.905	61.950	
	Mathematical Processes and Tools	07	000067	3.373	1.650	0.426	1.250	48.185	
	Social Studies	COMPLETE SUBTEST	40	000045	23.844	7.833	0.875	2.769	59.610
		Issues and Events in U.S. History	05	000045	2.578	1.373	0.428	1.038	51.560
Geographic Influences on History		10	000045	6.267	2.416	0.698	1.328	62.670	
Economic and Social Influences on History		06	000045	4.044	1.718	0.695	0.949	67.400	
Political Influences on History		09	000045	4.822	1.922	0.474	1.394	53.577	
Critical-Thinking Skills		10	000045	6.133	2.408	0.681	1.360	61.330	
Science	COMPLETE SUBTEST	44	000057	27.018	7.766	0.857	2.937	61.404	
	Nature of Science	14	000057	8.895	3.010	0.722	1.587	63.535	
	Organization of Living Systems	09	000057	5.912	1.714	0.417	1.309	65.688	
	Interdependence of Organisms and the Environment	09	000057	5.316	2.205	0.634	1.334	59.066	
	Structures and Properties of Matter	06	000057	3.316	1.416	0.332	1.157	55.266	
	Motion, Forces, and Energy	06	000057	3.579	1.451	0.405	1.119	59.650	

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-M (Spring 2010) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	003041	28.681	7.267	0.856	2.758	75.347	
	Basic Understanding	07	003041	5.474	1.549	0.336	1.262	78.200	
	Literary Elements and Techniques	07	003041	5.297	1.708	0.520	1.183	75.671	
	Analysis and Evaluation	08	003041	6.613	1.675	0.427	1.268	82.662	
	Revising and Editing	14	003041	9.741	3.176	0.707	1.719	69.578	
Mathematics	COMPLETE SUBTEST	45	004135	24.052	6.988	0.798	3.141	53.448	
	Functional Relationships	04	004135	2.032	1.064	0.186	0.960	50.800	
	Properties and Attributes of Functions	04	004135	1.998	1.077	0.249	0.933	49.950	
	Linear Functions	04	004135	2.057	1.103	0.266	0.945	51.425	
	Linear Equations and Inequalities	04	004135	1.786	1.089	0.234	0.953	44.650	
	Quadratic and Other Nonlinear Functions	04	004135	2.418	1.082	0.298	0.907	60.450	
	Geometric Relationships and Spatial Reasoning	04	004135	2.148	1.085	0.230	0.952	53.700	
	Two- and Three-Dimensional Representations	04	004135	2.529	1.140	0.414	0.873	63.225	
	Measurement and Similarity	06	004135	3.145	1.467	0.380	1.155	52.416	
	Percents/Proportions/Probability/Statistics	04	004135	2.457	1.051	0.265	0.901	61.425	
	Mathematical Processes and Tools	07	004135	3.481	1.616	0.392	1.260	49.728	
	Social Studies	COMPLETE SUBTEST	40	002620	25.843	7.459	0.864	2.751	64.607
		Issues and Events in U.S. History	05	002620	2.949	1.274	0.323	1.048	58.980
Geographic Influences on History		10	002620	6.708	2.259	0.645	1.346	67.080	
Economic and Social Influences on History		06	002620	4.235	1.481	0.549	0.995	70.583	
Political Influences on History		09	002620	5.581	1.970	0.529	1.352	62.011	
Critical-Thinking Skills		10	002620	6.369	2.288	0.647	1.359	63.690	
Science	COMPLETE SUBTEST	44	003276	28.249	7.673	0.856	2.912	64.202	
	Nature of Science	14	003276	9.465	2.963	0.722	1.562	67.607	
	Organization of Living Systems	09	003276	5.892	1.789	0.451	1.326	65.466	
	Interdependence of Organisms and the Environment	09	003276	5.591	2.077	0.587	1.335	62.122	
	Structures and Properties of Matter	06	003276	3.457	1.435	0.373	1.136	57.616	
	Motion, Forces, and Energy	06	003276	3.845	1.468	0.454	1.085	64.083	

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 11 TAKS-M (Spring 2010) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	011059	27.281	7.754	0.873	2.763	71.205	
	Basic Understanding	07	011059	4.980	1.742	0.517	1.211	71.142	
	Literary Elements and Techniques	07	011059	5.127	1.729	0.488	1.237	73.242	
	Analysis and Evaluation	08	011059	5.977	1.966	0.575	1.282	74.712	
	Revising and Editing	14	011059	9.550	3.056	0.684	1.718	68.214	
Mathematics	COMPLETE SUBTEST	48	013389	25.081	7.382	0.812	3.201	52.252	
	Functional Relationships	04	013389	1.874	1.078	0.204	0.962	46.850	
	Properties and Attributes of Functions	04	013389	2.305	1.079	0.236	0.943	57.625	
	Linear Functions	04	013389	2.102	1.141	0.325	0.937	52.550	
	Linear Equations and Inequalities	04	013389	2.200	1.125	0.305	0.938	55.000	
	Quadratic and Other Nonlinear Functions	04	013389	2.449	1.089	0.337	0.887	61.225	
	Geometric Relationships and Spatial Reasoning	06	013389	2.994	1.411	0.335	1.151	49.900	
	Two- and Three-Dimensional Representations	06	013389	3.152	1.459	0.411	1.120	52.533	
	Measurement and Similarity	06	013389	2.680	1.415	0.372	1.121	44.666	
	Percents/Proportions/Probability/Statistics	04	013389	2.602	0.922	0.246	0.801	65.050	
	Mathematical Processes and Tools	06	013389	2.724	1.389	0.284	1.175	45.400	
	Social Studies	COMPLETE SUBTEST	44	010170	25.959	7.587	0.841	3.025	58.997
		Issues and Events in U.S. History	10	010170	5.567	2.009	0.460	1.476	55.670
Geographic Influences on History		07	010170	4.379	1.619	0.449	1.202	62.557	
Economic and Social Influences on History		10	010170	5.472	2.239	0.576	1.458	54.720	
Political Influences on History		07	010170	4.374	1.614	0.447	1.200	62.485	
Critical-Thinking Skills		10	010170	6.166	2.296	0.635	1.387	61.660	
Science	COMPLETE SUBTEST	44	011934	25.710	7.324	0.828	3.037	58.431	
	Nature of Science	14	011934	8.646	2.947	0.687	1.649	61.757	
	Organization of Living Systems	06	011934	3.192	1.401	0.289	1.181	53.200	
	Interdependence of Organisms and the Environment	06	011934	3.261	1.455	0.379	1.147	54.350	
	Structures and Properties of Matter	09	011934	5.000	1.774	0.369	1.409	55.555	
	Motion, Forces, and Energy	09	011934	5.611	1.994	0.551	1.336	62.344	

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-M (Spring 2010) Female Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	003594	27.422	7.593	0.867	2.769	71.355	
	Basic Understanding	07	003594	4.920	1.696	0.473	1.231	70.285	
	Literary Elements and Techniques	07	003594	5.196	1.714	0.478	1.238	74.228	
	Analysis and Evaluation	08	003594	6.039	1.954	0.572	1.278	75.487	
	Revising and Editing	14	003594	9.533	2.933	0.656	1.720	68.092	
Mathematics	COMPLETE SUBTEST	48	004727	24.858	7.069	0.794	3.208	51.787	
	Functional Relationships	04	004727	1.894	1.096	0.242	0.954	47.350	
	Properties and Attributes of Functions	04	004727	2.347	1.063	0.215	0.942	58.675	
	Linear Functions	04	004727	2.096	1.128	0.304	0.941	52.400	
	Linear Equations and Inequalities	04	004727	2.274	1.111	0.295	0.933	56.850	
	Quadratic and Other Nonlinear Functions	04	004727	2.512	1.076	0.322	0.886	62.800	
	Geometric Relationships and Spatial Reasoning	06	004727	2.943	1.371	0.291	1.154	49.050	
	Two- and Three-Dimensional Representations	06	004727	3.075	1.456	0.390	1.137	51.250	
	Measurement and Similarity	06	004727	2.535	1.356	0.323	1.116	42.250	
	Percents/Proportions/Probability/Statistics	04	004727	2.514	0.904	0.197	0.810	62.850	
	Mathematical Processes and Tools	06	004727	2.668	1.335	0.212	1.185	44.466	
	Social Studies	COMPLETE SUBTEST	44	003467	24.868	6.820	0.796	3.080	56.518
		Issues and Events in U.S. History	10	003467	5.359	1.869	0.358	1.498	53.590
Geographic Influences on History		07	003467	4.309	1.551	0.381	1.220	61.557	
Economic and Social Influences on History		10	003467	5.106	2.080	0.488	1.488	51.060	
Political Influences on History		07	003467	4.257	1.560	0.385	1.223	60.814	
Science	Critical-Thinking Skills	10	003467	5.837	2.226	0.595	1.417	58.370	
	COMPLETE SUBTEST	44	004226	25.020	6.911	0.803	3.067	56.863	
	Nature of Science	14	004226	8.532	2.850	0.661	1.659	60.942	
	Organization of Living Systems	06	004226	3.193	1.395	0.282	1.182	53.216	
	Interdependence of Organisms and the Environment	06	004226	3.156	1.397	0.311	1.160	52.600	
	Structures and Properties of Matter	09	004226	4.841	1.718	0.314	1.423	53.788	
Motion, Forces, and Energy	09	004226	5.298	1.930	0.501	1.363	58.866		

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-M (Spring 2010) Male Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	007442	27.215	7.834	0.877	2.747	71.136	
	Basic Understanding	07	007442	5.010	1.764	0.541	1.195	71.571	
	Literary Elements and Techniques	07	007442	5.095	1.734	0.493	1.235	72.785	
	Analysis and Evaluation	08	007442	5.948	1.972	0.578	1.281	74.350	
	Revising and Editing	14	007442	9.557	3.116	0.698	1.712	68.264	
Mathematics	COMPLETE SUBTEST	48	008629	25.209	7.550	0.821	3.194	52.518	
	Functional Relationships	04	008629	1.864	1.068	0.183	0.965	46.600	
	Properties and Attributes of Functions	04	008629	2.282	1.087	0.246	0.944	57.050	
	Linear Functions	04	008629	2.106	1.149	0.339	0.934	52.650	
	Linear Equations and Inequalities	04	008629	2.160	1.131	0.311	0.939	54.000	
	Quadratic and Other Nonlinear Functions	04	008629	2.415	1.096	0.346	0.886	60.375	
	Geometric Relationships and Spatial Reasoning	06	008629	3.022	1.432	0.360	1.146	50.366	
	Two- and Three-Dimensional Representations	06	008629	3.195	1.458	0.423	1.108	53.250	
	Measurement and Similarity	06	008629	2.759	1.441	0.392	1.124	45.983	
	Percents/Proportions/Probability/Statistics	04	008629	2.650	0.928	0.268	0.794	66.250	
	Mathematical Processes and Tools	06	008629	2.755	1.417	0.319	1.169	45.916	
	Social Studies	COMPLETE SUBTEST	44	006676	26.525	7.896	0.856	2.996	60.284
		Issues and Events in U.S. History	10	006676	5.675	2.071	0.499	1.466	56.750
Geographic Influences on History		07	006676	4.414	1.651	0.478	1.193	63.057	
Economic and Social Influences on History		10	006676	5.661	2.294	0.605	1.442	56.610	
Political Influences on History		07	006676	4.436	1.638	0.476	1.186	63.371	
Critical-Thinking Skills		10	006676	6.338	2.314	0.650	1.369	63.380	
Science	COMPLETE SUBTEST	44	007680	26.089	7.519	0.839	3.017	59.293	
	Nature of Science	14	007680	8.710	2.999	0.700	1.643	62.214	
	Organization of Living Systems	06	007680	3.190	1.406	0.295	1.181	53.166	
	Interdependence of Organisms and the Environment	06	007680	3.319	1.483	0.412	1.137	55.316	
	Structures and Properties of Matter	09	007680	5.087	1.799	0.395	1.399	56.522	
	Motion, Forces, and Energy	09	007680	5.783	2.009	0.570	1.317	64.255	

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 11 TAKS-M (Spring 2010) African American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	002645	26.530	7.755	0.873	2.764	69.191	
	Basic Understanding	07	002645	4.773	1.732	0.502	1.222	68.185	
	Literary Elements and Techniques	07	002645	5.027	1.751	0.506	1.231	71.814	
	Analysis and Evaluation	08	002645	5.764	1.976	0.581	1.279	72.050	
	Revising and Editing	14	002645	9.346	3.063	0.689	1.708	66.757	
Mathematics	COMPLETE SUBTEST	48	003150	23.402	6.801	0.774	3.233	48.754	
	Functional Relationships	04	003150	1.778	1.058	0.172	0.963	44.450	
	Properties and Attributes of Functions	04	003150	2.197	1.076	0.218	0.952	54.925	
	Linear Functions	04	003150	1.955	1.124	0.290	0.947	48.875	
	Linear Equations and Inequalities	04	003150	2.120	1.129	0.302	0.943	53.000	
	Quadratic and Other Nonlinear Functions	04	003150	2.369	1.079	0.296	0.905	59.225	
	Geometric Relationships and Spatial Reasoning	06	003150	2.720	1.369	0.297	1.148	45.333	
	Two- and Three-Dimensional Representations	06	003150	2.809	1.419	0.347	1.147	46.816	
	Measurement and Similarity	06	003150	2.413	1.322	0.274	1.126	40.216	
	Percents/Proportions/Probability/Statistics	04	003150	2.456	0.920	0.213	0.816	61.400	
	Mathematical Processes and Tools	06	003150	2.587	1.336	0.220	1.180	43.116	
	Social Studies	COMPLETE SUBTEST	44	002457	24.912	7.337	0.826	3.061	56.618
		Issues and Events in U.S. History	10	002457	5.514	1.988	0.443	1.484	55.140
Geographic Influences on History		07	002457	4.206	1.622	0.433	1.221	60.085	
Economic and Social Influences on History		10	002457	5.103	2.132	0.523	1.472	51.030	
Political Influences on History		07	002457	4.328	1.626	0.452	1.204	61.828	
Science	Critical-Thinking Skills	10	002457	5.761	2.270	0.611	1.416	57.610	
	COMPLETE SUBTEST	44	002840	24.564	7.045	0.809	3.079	55.827	
	Nature of Science	14	002840	8.237	2.890	0.663	1.678	58.835	
	Organization of Living Systems	06	002840	3.087	1.393	0.273	1.188	51.450	
	Interdependence of Organisms and the Environment	06	002840	3.089	1.406	0.311	1.167	51.483	
	Structures and Properties of Matter	09	002840	4.873	1.730	0.326	1.420	54.144	
Motion, Forces, and Energy	09	002840	5.279	1.957	0.510	1.370	58.655		

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-M (Spring 2010) Asian Only

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	45	000111	27.378	7.854	0.879	2.732	71.497	
	Basic Understanding	07	000111	4.991	1.729	0.510	1.210	71.300	
	Literary Elements and Techniques	07	000111	5.054	1.689	0.465	1.235	72.200	
	Analysis and Evaluation	08	000111	5.802	2.088	0.646	1.242	72.525	
	Revising and Editing	14	000111	9.892	2.927	0.660	1.707	70.657	
Mathematics	COMPLETE SUBTEST	48	000122	26.287	8.440	0.862	3.135	54.764	
	Functional Relationships	04	000122	2.066	1.190	0.400	0.922	51.650	
	Properties and Attributes of Functions	04	000122	2.541	1.092	0.305	0.910	63.525	
	Linear Functions	04	000122	2.262	1.205	0.442	0.900	56.550	
	Linear Equations and Inequalities	04	000122	2.352	1.199	0.465	0.877	58.800	
	Quadratic and Other Nonlinear Functions	04	000122	2.623	1.145	0.448	0.851	65.575	
	Geometric Relationships and Spatial Reasoning	06	000122	2.893	1.448	0.390	1.131	48.216	
	Two- and Three-Dimensional Representations	06	000122	3.254	1.583	0.504	1.115	54.233	
	Measurement and Similarity	06	000122	2.852	1.573	0.533	1.075	47.533	
	Percents/Proportions/Probability/Statistics	04	000122	2.664	0.906	0.106	0.857	66.600	
	Mathematical Processes and Tools	06	000122	2.779	1.463	0.401	1.132	46.316	
	Social Studies	COMPLETE SUBTEST	44	000098	26.041	7.579	0.843	3.003	59.184
		Issues and Events in U.S. History	10	000098	5.816	1.852	0.364	1.477	58.160
Geographic Influences on History		07	000098	4.541	1.676	0.525	1.155	64.871	
Economic and Social Influences on History		10	000098	5.408	1.947	0.424	1.478	54.080	
Political Influences on History		07	000098	4.204	1.872	0.613	1.165	60.057	
Science	Critical-Thinking Skills	10	000098	6.071	2.303	0.636	1.389	60.710	
	COMPLETE SUBTEST	44	000109	25.321	7.531	0.840	3.012	57.547	
	Nature of Science	14	000109	8.394	3.091	0.721	1.633	59.957	
	Organization of Living Systems	06	000109	3.174	1.433	0.337	1.167	52.900	
	Interdependence of Organisms and the Environment	06	000109	3.018	1.401	0.313	1.161	50.300	
	Structures and Properties of Matter	09	000109	5.248	1.770	0.388	1.385	58.311	
Motion, Forces, and Energy	09	000109	5.486	2.243	0.675	1.279	60.955		

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 11 TAKS-M (Spring 2010) Hispanic Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	004990	26.546	7.753	0.873	2.763	69.211	
	Basic Understanding	07	004990	4.848	1.751	0.525	1.207	69.257	
	Literary Elements and Techniques	07	004990	5.013	1.754	0.505	1.234	71.614	
	Analysis and Evaluation	08	004990	5.850	1.989	0.586	1.280	73.125	
	Revising and Editing	14	004990	9.205	3.027	0.678	1.718	65.750	
Mathematics	COMPLETE SUBTEST	48	005748	25.100	7.245	0.805	3.199	52.291	
	Functional Relationships	04	005748	1.880	1.072	0.191	0.964	47.000	
	Properties and Attributes of Functions	04	005748	2.331	1.075	0.234	0.941	58.275	
	Linear Functions	04	005748	2.133	1.125	0.304	0.939	53.325	
	Linear Equations and Inequalities	04	005748	2.198	1.117	0.292	0.940	54.950	
	Quadratic and Other Nonlinear Functions	04	005748	2.455	1.099	0.353	0.884	61.375	
	Geometric Relationships and Spatial Reasoning	06	005748	2.992	1.406	0.329	1.152	49.866	
	Two- and Three-Dimensional Representations	06	005748	3.215	1.433	0.399	1.111	53.583	
	Measurement and Similarity	06	005748	2.661	1.393	0.351	1.122	44.350	
	Percents/Proportions/Probability/Statistics	04	005748	2.563	0.920	0.230	0.807	64.075	
	Mathematical Processes and Tools	06	005748	2.670	1.355	0.242	1.180	44.500	
	Social Studies	COMPLETE SUBTEST	44	004682	25.238	7.320	0.826	3.053	57.359
		Issues and Events in U.S. History	10	004682	5.408	1.983	0.442	1.481	54.080
Geographic Influences on History		07	004682	4.299	1.600	0.425	1.213	61.414	
Economic and Social Influences on History		10	004682	5.271	2.181	0.544	1.473	52.710	
Political Influences on History		07	004682	4.261	1.589	0.413	1.217	60.871	
Science	Critical-Thinking Skills	10	004682	5.999	2.229	0.603	1.404	59.990	
	COMPLETE SUBTEST	44	005326	24.875	7.012	0.808	3.073	56.534	
	Nature of Science	14	005326	8.330	2.874	0.660	1.676	59.500	
	Organization of Living Systems	06	005326	3.133	1.383	0.263	1.187	52.216	
	Interdependence of Organisms and the Environment	06	005326	3.145	1.435	0.349	1.158	52.416	
	Structures and Properties of Matter	09	005326	4.828	1.737	0.331	1.421	53.644	
Motion, Forces, and Energy	09	005326	5.439	1.940	0.513	1.354	60.433		

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-M (Spring 2010) Native American Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	000058	28.845	7.741	0.874	2.748	75.286	
	Basic Understanding	07	000058	5.069	1.756	0.531	1.203	72.414	
	Literary Elements and Techniques	07	000058	5.431	1.488	0.256	1.283	77.585	
	Analysis and Evaluation	08	000058	6.448	1.808	0.481	1.303	80.600	
	Revising and Editing	14	000058	10.155	3.355	0.753	1.667	72.535	
Mathematics	COMPLETE SUBTEST	48	000072	25.903	7.924	0.842	3.150	53.964	
	Functional Relationships	04	000072	1.833	1.151	0.341	0.934	45.825	
	Properties and Attributes of Functions	04	000072	2.431	1.124	0.326	0.923	60.775	
	Linear Functions	04	000072	2.250	1.084	0.268	0.927	56.250	
	Linear Equations and Inequalities	04	000072	2.333	1.175	0.401	0.909	58.325	
	Quadratic and Other Nonlinear Functions	04	000072	2.458	1.113	0.387	0.871	61.450	
	Geometric Relationships and Spatial Reasoning	06	000072	3.083	1.599	0.509	1.120	51.383	
	Two- and Three-Dimensional Representations	06	000072	3.222	1.386	0.382	1.090	53.700	
	Measurement and Similarity	06	000072	2.903	1.512	0.488	1.082	48.383	
	Percents/Proportions/Probability/Statistics	04	000072	2.722	0.843	0.088	0.805	68.050	
	Mathematical Processes and Tools	06	000072	2.667	1.463	0.374	1.158	44.450	
	Social Studies	COMPLETE SUBTEST	44	000046	28.022	6.794	0.812	2.946	63.686
		Issues and Events in U.S. History	10	000046	5.500	1.761	0.281	1.493	55.000
Geographic Influences on History		07	000046	4.783	1.519	0.424	1.153	68.328	
Economic and Social Influences on History		10	000046	6.087	1.919	0.426	1.454	60.870	
Political Influences on History		07	000046	4.609	1.453	0.329	1.190	65.842	
Science	Critical-Thinking Skills	10	000046	7.043	2.280	0.692	1.265	70.430	
	COMPLETE SUBTEST	44	000063	28.492	6.708	0.808	2.939	64.754	
	Nature of Science	14	000063	9.667	2.449	0.572	1.602	69.050	
	Organization of Living Systems	06	000063	3.476	1.401	0.331	1.146	57.933	
	Interdependence of Organisms and the Environment	06	000063	3.587	1.499	0.469	1.092	59.783	
	Structures and Properties of Matter	09	000063	5.492	1.565	0.203	1.397	61.022	
Motion, Forces, and Energy	09	000063	6.270	2.034	0.625	1.246	69.666		

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-M (Spring 2010) White Only

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	003236	28.997	7.483	0.865	2.749	75.847	
	Basic Understanding	07	003236	5.353	1.679	0.489	1.200	76.471	
	Literary Elements and Techniques	07	003236	5.383	1.649	0.442	1.232	76.900	
	Analysis and Evaluation	08	003236	6.348	1.868	0.526	1.286	79.350	
	Revising and Editing	14	003236	10.222	2.988	0.667	1.724	73.014	
Mathematics	COMPLETE SUBTEST	48	004280	26.250	7.695	0.830	3.173	54.687	
	Functional Relationships	04	004280	1.932	1.091	0.233	0.955	48.300	
	Properties and Attributes of Functions	04	004280	2.340	1.079	0.243	0.939	58.500	
	Linear Functions	04	004280	2.163	1.167	0.368	0.928	54.075	
	Linear Equations and Inequalities	04	004280	2.255	1.126	0.314	0.933	56.375	
	Quadratic and Other Nonlinear Functions	04	004280	2.495	1.078	0.339	0.876	62.375	
	Geometric Relationships and Spatial Reasoning	06	004280	3.198	1.409	0.335	1.149	53.300	
	Two- and Three-Dimensional Representations	06	004280	3.316	1.479	0.439	1.108	55.266	
	Measurement and Similarity	06	004280	2.895	1.470	0.421	1.119	48.250	
	Percents/Proportions/Probability/Statistics	04	004280	2.757	0.906	0.270	0.774	68.925	
	Mathematical Processes and Tools	06	004280	2.898	1.450	0.354	1.165	48.300	
	Social Studies	COMPLETE SUBTEST	44	002873	27.992	7.849	0.860	2.937	63.618
		Issues and Events in U.S. History	10	002873	5.863	2.050	0.495	1.457	58.630
Geographic Influences on History		07	002873	4.644	1.615	0.479	1.166	66.342	
Economic and Social Influences on History		10	002873	6.108	2.304	0.624	1.413	61.080	
Political Influences on History		07	002873	4.602	1.616	0.479	1.166	65.742	
Science	Critical-Thinking Skills	10	002873	6.775	2.307	0.673	1.319	67.750	
	COMPLETE SUBTEST	44	003582	27.821	7.548	0.848	2.943	63.229	
	Nature of Science	14	003582	9.429	2.953	0.713	1.582	67.350	
	Organization of Living Systems	06	003582	3.356	1.419	0.325	1.166	55.933	
	Interdependence of Organisms and the Environment	06	003582	3.572	1.472	0.431	1.110	59.533	
	Structures and Properties of Matter	09	003582	5.342	1.819	0.425	1.379	59.355	
Motion, Forces, and Energy	09	003582	6.122	1.994	0.590	1.277	68.022		

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

