

TAKS-M
2011 Mean P-Values and
Internal Consistency Values
By Objective and
Subject Area

Grade 03 TAKS-M (Spring 2011) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	012414	20.667	5.360	0.823	2.255	68.890
	Basic Understanding	13	012414	8.528	2.481	0.617	1.535	65.600
	Applying Knowledge of Literary Elements	06	012414	4.456	1.372	0.505	0.965	74.266
	Using Strategies to Analyze	05	012414	3.617	1.190	0.415	0.910	72.340
	Applying Critical-Thinking Skills	06	012414	4.067	1.548	0.600	0.979	67.783
Mathematics	COMPLETE SUBTEST	32	011257	20.790	5.609	0.821	2.373	64.968
	Numbers, Operations, and Quantitative Reasoning	08	011257	5.072	1.741	0.517	1.210	63.400
	Patterns, Relationships, and Algebraic Reasoning	05	011257	3.545	1.153	0.387	0.903	70.900
	Geometry and Spatial Reasoning	05	011257	4.112	1.080	0.495	0.767	82.240
	Concepts and Uses of Measurement	05	011257	2.963	1.298	0.489	0.928	59.260
	Probability and Statistics	03	011257	1.895	0.980	0.433	0.738	63.166
	Mathematical Processes and Tools	06	011257	3.202	1.455	0.382	1.144	53.366

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 2011) Female

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	004113	20.830	5.310	0.822	2.240	69.433
	Basic Understanding	13	004113	8.544	2.473	0.616	1.532	65.723
	Applying Knowledge of Literary Elements	06	004113	4.501	1.332	0.486	0.955	75.016
	Using Strategies to Analyze	05	004113	3.680	1.164	0.413	0.892	73.600
	Applying Critical-Thinking Skills	06	004113	4.104	1.555	0.610	0.971	68.400
Mathematics	COMPLETE SUBTEST	32	004052	20.304	5.475	0.808	2.399	63.450
	Numbers, Operations, and Quantitative Reasoning	08	004052	4.852	1.711	0.480	1.234	60.650
	Patterns, Relationships, and Algebraic Reasoning	05	004052	3.527	1.151	0.376	0.909	70.540
	Geometry and Spatial Reasoning	05	004052	4.114	1.060	0.479	0.765	82.280
	Concepts and Uses of Measurement	05	004052	2.874	1.315	0.479	0.949	57.480
	Probability and Statistics	03	004052	1.804	0.979	0.411	0.751	60.133
	Mathematical Processes and Tools	06	004052	3.132	1.409	0.338	1.146	52.200

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

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

3 Multiple-choice and gridded items only

Grade 03 TAKS-M (Spring 2011) Male

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	008276	20.591	5.376	0.823	2.262	68.636
	Basic Understanding	13	008276	8.521	2.484	0.619	1.533	65.546
	Applying Knowledge of Literary Elements	06	008276	4.434	1.389	0.510	0.972	73.900
	Using Strategies to Analyze	05	008276	3.586	1.200	0.415	0.918	71.720
	Applying Critical-Thinking Skills	06	008276	4.050	1.544	0.594	0.984	67.500
Mathematics	COMPLETE SUBTEST	32	007181	21.067	5.660	0.827	2.354	65.834
	Numbers, Operations, and Quantitative Reasoning	08	007181	5.196	1.744	0.530	1.196	64.950
	Patterns, Relationships, and Algebraic Reasoning	05	007181	3.556	1.154	0.392	0.900	71.120
	Geometry and Spatial Reasoning	05	007181	4.113	1.090	0.503	0.768	82.260
	Concepts and Uses of Measurement	05	007181	3.015	1.285	0.494	0.914	60.300
	Probability and Statistics	03	007181	1.946	0.976	0.442	0.729	64.866
	Mathematical Processes and Tools	06	007181	3.240	1.480	0.405	1.142	54.000

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 03 TAKS-M (Spring 2011) Hispanic/Latino

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	006428	20.192	5.370	0.818	2.291	67.306
	Basic Understanding	13	006428	8.339	2.489	0.610	1.554	64.146
	Applying Knowledge of Literary Elements	06	006428	4.366	1.390	0.499	0.984	72.766
	Using Strategies to Analyze	05	006428	3.518	1.213	0.412	0.930	70.360
	Applying Critical-Thinking Skills	06	006428	3.970	1.536	0.579	0.997	66.166
Mathematics	COMPLETE SUBTEST	32	005766	20.774	5.573	0.819	2.371	64.918
	Numbers, Operations, and Quantitative Reasoning	08	005766	5.023	1.714	0.498	1.214	62.787
	Patterns, Relationships, and Algebraic Reasoning	05	005766	3.549	1.160	0.403	0.896	70.980
	Geometry and Spatial Reasoning	05	005766	4.132	1.072	0.496	0.761	82.640
	Concepts and Uses of Measurement	05	005766	3.014	1.310	0.505	0.922	60.280
	Probability and Statistics	03	005766	1.878	0.980	0.423	0.744	62.600
	Mathematical Processes and Tools	06	005766	3.178	1.445	0.367	1.150	52.966

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 2011) Am. Indian or Alaskan Native

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	000054	20.019	5.060	0.796	2.285	66.730
	Basic Understanding	13	000054	8.296	2.203	0.514	1.536	63.815
	Applying Knowledge of Literary Elements	06	000054	4.333	1.414	0.511	0.989	72.216
	Using Strategies to Analyze	05	000054	3.389	1.156	0.333	0.944	67.780
	Applying Critical-Thinking Skills	06	000054	4.000	1.542	0.581	0.998	66.666
Mathematics	COMPLETE SUBTEST	32	000053	20.774	5.014	0.777	2.368	64.918
	Numbers, Operations, and Quantitative Reasoning	08	000053	5.057	1.680	0.530	1.152	63.212
	Patterns, Relationships, and Algebraic Reasoning	05	000053	3.415	1.027	0.091	0.979	68.300
	Geometry and Spatial Reasoning	05	000053	4.113	1.032	0.431	0.778	82.260
	Concepts and Uses of Measurement	05	000053	2.925	1.284	0.513	0.896	58.500
	Probability and Statistics	03	000053	1.830	0.975	0.398	0.756	61.000
	Mathematical Processes and Tools	06	000053	3.434	1.380	0.343	1.119	57.233

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

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

3 Multiple-choice and gridded items only

Grade 03 TAKS-M (Spring 2011) Asian

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	000156	19.340	5.106	0.789	2.345	64.466
	Basic Understanding	13	000156	8.250	2.274	0.515	1.584	63.461
	Applying Knowledge of Literary Elements	06	000156	4.000	1.464	0.532	1.002	66.666
	Using Strategies to Analyze	05	000156	3.500	1.215	0.401	0.940	70.000
	Applying Critical-Thinking Skills	06	000156	3.590	1.515	0.534	1.034	59.833
Mathematics	COMPLETE SUBTEST	32	000130	21.554	5.072	0.787	2.341	67.356
	Numbers, Operations, and Quantitative Reasoning	08	000130	5.277	1.752	0.544	1.183	65.962
	Patterns, Relationships, and Algebraic Reasoning	05	000130	3.700	1.054	0.295	0.885	74.000
	Geometry and Spatial Reasoning	05	000130	4.169	1.050	0.479	0.758	83.380
	Concepts and Uses of Measurement	05	000130	3.323	1.143	0.442	0.854	66.460
	Probability and Statistics	03	000130	1.954	0.972	0.440	0.727	65.133
	Mathematical Processes and Tools	06	000130	3.131	1.366	0.252	1.181	52.183

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 03 TAKS-M (Spring 2011) Black or African American

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	002572	20.757	5.453	0.831	2.242	69.190
	Basic Understanding	13	002572	8.577	2.528	0.635	1.527	65.976
	Applying Knowledge of Literary Elements	06	002572	4.469	1.363	0.496	0.968	74.483
	Using Strategies to Analyze	05	002572	3.674	1.179	0.422	0.896	73.480
	Applying Critical-Thinking Skills	06	002572	4.037	1.578	0.620	0.973	67.283
Mathematics	COMPLETE SUBTEST	32	002438	20.269	5.685	0.824	2.385	63.340
	Numbers, Operations, and Quantitative Reasoning	08	002438	4.989	1.767	0.528	1.214	62.362
	Patterns, Relationships, and Algebraic Reasoning	05	002438	3.500	1.158	0.380	0.912	70.000
	Geometry and Spatial Reasoning	05	002438	4.011	1.115	0.484	0.801	80.220
	Concepts and Uses of Measurement	05	002438	2.772	1.273	0.451	0.943	55.440
	Probability and Statistics	03	002438	1.833	0.990	0.450	0.734	61.100
	Mathematical Processes and Tools	06	002438	3.165	1.480	0.419	1.128	52.750

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

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

3 Multiple-choice and gridded items only

Grade 03 TAKS-M (Spring 2011) Native Hawaiian/Pacific Islander

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	000009	21.556	6.167	0.895	1.998	71.853
	Basic Understanding	13	000009	9.333	2.828	0.766	1.368	71.792
	Applying Knowledge of Literary Elements	06	000009	4.444	1.130	0.365	0.900	74.066
	Using Strategies to Analyze	05	000009	3.778	0.972	0.171	0.885	75.560
	Applying Critical-Thinking Skills	06	000009	4.000	1.936	0.852	0.745	66.666
Mathematics	COMPLETE SUBTEST	32	000005	18.800	5.586	0.842	2.220	58.750
	Numbers, Operations, and Quantitative Reasoning	08	000005	4.800	1.304	0.067	1.260	60.000
	Patterns, Relationships, and Algebraic Reasoning	05	000005	3.000	0.707	*****	*****	60.000
	Geometry and Spatial Reasoning	05	000005	3.600	1.517	0.815	0.652	72.000
	Concepts and Uses of Measurement	05	000005	3.000	1.871	0.907	0.571	60.000
	Probability and Statistics	03	000005	1.400	0.548	0.300	0.458	46.666
	Mathematical Processes and Tools	06	000005	3.000	1.414	0.384	1.110	50.000

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 03 TAKS-M (Spring 2011) White

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	003003	21.629	5.121	0.818	2.185	72.096
	Basic Understanding	13	003003	8.882	2.399	0.614	1.490	68.323
	Applying Knowledge of Literary Elements	06	003003	4.654	1.309	0.503	0.923	77.566
	Using Strategies to Analyze	05	003003	3.780	1.125	0.393	0.876	75.600
	Applying Critical-Thinking Skills	06	003003	4.313	1.525	0.618	0.943	71.883
Mathematics	COMPLETE SUBTEST	32	002680	21.229	5.590	0.823	2.352	66.340
	Numbers, Operations, and Quantitative Reasoning	08	002680	5.228	1.751	0.530	1.200	65.350
	Patterns, Relationships, and Algebraic Reasoning	05	002680	3.565	1.141	0.367	0.908	71.300
	Geometry and Spatial Reasoning	05	002680	4.158	1.058	0.498	0.750	83.160
	Concepts and Uses of Measurement	05	002680	3.009	1.285	0.480	0.927	60.180
	Probability and Statistics	03	002680	1.982	0.965	0.438	0.723	66.066
	Mathematical Processes and Tools	06	002680	3.288	1.455	0.388	1.138	54.800

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 03 TAKS-M (Spring 2011) Two or More Races

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	000177	21.593	5.184	0.824	2.175	71.976
	Basic Understanding	13	000177	8.932	2.395	0.621	1.474	68.707
	Applying Knowledge of Literary Elements	06	000177	4.571	1.360	0.521	0.941	76.183
	Using Strategies to Analyze	05	000177	3.780	1.149	0.430	0.867	75.600
	Applying Critical-Thinking Skills	06	000177	4.311	1.422	0.547	0.957	71.850
Mathematics	COMPLETE SUBTEST	32	000171	21.357	5.758	0.839	2.310	66.740
	Numbers, Operations, and Quantitative Reasoning	08	000171	5.357	1.833	0.607	1.149	66.962
	Patterns, Relationships, and Algebraic Reasoning	05	000171	3.655	1.103	0.337	0.898	73.100
	Geometry and Spatial Reasoning	05	000171	4.199	1.055	0.528	0.725	83.980
	Concepts and Uses of Measurement	05	000171	3.018	1.267	0.469	0.923	60.360
	Probability and Statistics	03	000171	1.965	0.970	0.450	0.719	65.500
	Mathematical Processes and Tools	06	000171	3.164	1.486	0.418	1.134	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 04 TAKS-M (Spring 2011) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	014187	22.521	5.514	0.819	2.346	70.378
	Basic Understanding	12	014187	8.653	2.381	0.654	1.401	72.108
	Applying Knowledge of Literary Elements	06	014187	4.468	1.385	0.519	0.961	74.466
	Using Strategies to Analyze	06	014187	4.064	1.420	0.444	1.059	67.733
	Applying Critical-Thinking Skills	08	014187	5.336	1.667	0.461	1.224	66.700
Mathematics	COMPLETE SUBTEST	34	013590	21.979	6.061	0.830	2.499	64.644
	Numbers, Operations, and Quantitative Reasoning	09	013590	6.465	1.813	0.591	1.159	71.833
	Patterns, Relationships, and Algebraic Reasoning	06	013590	4.034	1.465	0.501	1.035	67.233
	Geometry and Spatial Reasoning	05	013590	3.164	1.363	0.484	0.979	63.280
	Concepts and Uses of Measurement	05	013590	2.528	1.317	0.375	1.041	50.560
	Probability and Statistics	03	013590	1.857	0.904	0.342	0.733	61.900
	Mathematical Processes and Tools	06	013590	3.930	1.507	0.489	1.077	65.500
Writing	COMPLETE SUBTEST	33	015055	16.830	5.410	0.842	2.150	64.383
	Appropriate Organization of Ideas	03	015055	1.881	0.982	0.422	0.747	62.700
	Correct and Effective Sentence Construction	07	015055	4.257	1.862	0.616	1.154	60.814
	Standard Usage and Appropriate Word Choice	07	015055	4.549	1.672	0.533	1.143	64.985
	Proofreading for Punctuation, Capitalization, and Spelling	07	015055	4.765	1.775	0.611	1.107	68.071

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 2011) Female

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	004848	22.680	5.449	0.818	2.325	70.875
	Basic Understanding	12	004848	8.647	2.346	0.649	1.390	72.058
	Applying Knowledge of Literary Elements	06	004848	4.628	1.349	0.532	0.923	77.133
	Using Strategies to Analyze	06	004848	4.060	1.412	0.428	1.068	67.666
	Applying Critical-Thinking Skills	08	004848	5.345	1.659	0.464	1.215	66.812
Mathematics	COMPLETE SUBTEST	34	005060	21.914	5.906	0.821	2.499	64.452
	Numbers, Operations, and Quantitative Reasoning	09	005060	6.488	1.755	0.570	1.151	72.088
	Patterns, Relationships, and Algebraic Reasoning	06	005060	4.056	1.458	0.498	1.033	67.600
	Geometry and Spatial Reasoning	05	005060	3.151	1.366	0.486	0.979	63.020
	Concepts and Uses of Measurement	05	005060	2.506	1.304	0.366	1.038	50.120
	Probability and Statistics	03	005060	1.896	0.883	0.317	0.730	63.200
	Mathematical Processes and Tools	06	005060	3.817	1.502	0.469	1.095	63.616
Writing	COMPLETE SUBTEST	33	004879	17.498	5.289	0.840	2.116	66.687
	Appropriate Organization of Ideas	03	004879	1.929	0.981	0.443	0.732	64.300
	Correct and Effective Sentence Construction	07	004879	4.404	1.823	0.607	1.143	62.914
	Standard Usage and Appropriate Word Choice	07	004879	4.699	1.627	0.523	1.124	67.128
	Proofreading for Punctuation, Capitalization, and Spelling	07	004879	4.973	1.713	0.602	1.081	71.042

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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 2011) Male

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	009327	22.439	5.547	0.820	2.353	70.121
	Basic Understanding	12	009327	8.656	2.399	0.658	1.403	72.133
	Applying Knowledge of Literary Elements	06	009327	4.385	1.396	0.508	0.979	73.083
	Using Strategies to Analyze	06	009327	4.066	1.424	0.454	1.052	67.766
	Applying Critical-Thinking Skills	08	009327	5.332	1.671	0.460	1.228	66.650
Mathematics	COMPLETE SUBTEST	34	008519	22.020	6.153	0.836	2.492	64.764
	Numbers, Operations, and Quantitative Reasoning	09	008519	6.453	1.846	0.604	1.162	71.700
	Patterns, Relationships, and Algebraic Reasoning	06	008519	4.021	1.469	0.503	1.036	67.016
	Geometry and Spatial Reasoning	05	008519	3.172	1.362	0.483	0.979	63.440
	Concepts and Uses of Measurement	05	008519	2.541	1.326	0.384	1.041	50.820
	Probability and Statistics	03	008519	1.835	0.916	0.358	0.734	61.166
	Mathematical Processes and Tools	06	008519	3.998	1.506	0.500	1.065	66.633
Writing	COMPLETE SUBTEST	33	010172	16.510	5.438	0.842	2.162	63.283
	Appropriate Organization of Ideas	03	010172	1.858	0.981	0.410	0.754	61.933
	Correct and Effective Sentence Construction	07	010172	4.187	1.876	0.618	1.159	59.814
	Standard Usage and Appropriate Word Choice	07	010172	4.478	1.688	0.537	1.149	63.971
	Proofreading for Punctuation, Capitalization, and Spelling	07	010172	4.665	1.796	0.611	1.120	66.642

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3 Multiple-choice and gridded items only

Grade 04 TAKS-M (Spring 2011) Hispanic/Latino

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	007535	22.141	5.482	0.812	2.377	69.190
	Basic Understanding	12	007535	8.468	2.391	0.646	1.423	70.566
	Applying Knowledge of Literary Elements	06	007535	4.389	1.410	0.522	0.975	73.150
	Using Strategies to Analyze	06	007535	4.012	1.399	0.411	1.074	66.866
	Applying Critical-Thinking Skills	08	007535	5.272	1.663	0.452	1.231	65.900
Mathematics	COMPLETE SUBTEST	34	006949	21.963	5.969	0.825	2.497	64.597
	Numbers, Operations, and Quantitative Reasoning	09	006949	6.505	1.774	0.578	1.152	72.277
	Patterns, Relationships, and Algebraic Reasoning	06	006949	4.065	1.459	0.503	1.029	67.750
	Geometry and Spatial Reasoning	05	006949	3.194	1.350	0.479	0.974	63.880
	Concepts and Uses of Measurement	05	006949	2.512	1.302	0.362	1.040	50.240
	Probability and Statistics	03	006949	1.845	0.896	0.336	0.730	61.500
	Mathematical Processes and Tools	06	006949	3.844	1.509	0.477	1.091	64.066
Writing	COMPLETE SUBTEST	33	007817	16.572	5.404	0.839	2.168	63.287
	Appropriate Organization of Ideas	03	007817	1.845	0.983	0.413	0.753	61.500
	Correct and Effective Sentence Construction	07	007817	4.187	1.851	0.604	1.165	59.814
	Standard Usage and Appropriate Word Choice	07	007817	4.485	1.692	0.538	1.150	64.071
	Proofreading for Punctuation, Capitalization, and Spelling	07	007817	4.671	1.781	0.602	1.124	66.728

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 04 TAKS-M (Spring 2011) Am. Indian or Alaskan Native

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	000072	23.917	4.867	0.787	2.246	74.740
	Basic Understanding	12	000072	9.278	1.901	0.502	1.342	77.316
	Applying Knowledge of Literary Elements	06	000072	4.750	1.219	0.463	0.893	79.166
	Using Strategies to Analyze	06	000072	4.319	1.442	0.531	0.988	71.983
	Applying Critical-Thinking Skills	08	000072	5.569	1.751	0.548	1.177	69.612
Mathematics	COMPLETE SUBTEST	34	000071	23.197	5.783	0.826	2.412	68.226
	Numbers, Operations, and Quantitative Reasoning	09	000071	6.718	1.709	0.575	1.114	74.644
	Patterns, Relationships, and Algebraic Reasoning	06	000071	4.169	1.483	0.574	0.968	69.483
	Geometry and Spatial Reasoning	05	000071	3.408	1.166	0.274	0.993	68.160
	Concepts and Uses of Measurement	05	000071	2.732	1.276	0.332	1.043	54.640
	Probability and Statistics	03	000071	1.930	0.867	0.355	0.696	64.333
	Mathematical Processes and Tools	06	000071	4.239	1.497	0.539	1.016	70.650
Writing	COMPLETE SUBTEST	33	000084	17.286	5.715	0.868	2.076	66.120
	Appropriate Organization of Ideas	03	000084	2.024	1.005	0.542	0.680	67.466
	Correct and Effective Sentence Construction	07	000084	4.464	1.759	0.580	1.140	63.771
	Standard Usage and Appropriate Word Choice	07	000084	4.631	1.641	0.527	1.129	66.157
	Proofreading for Punctuation, Capitalization, and Spelling	07	000084	4.750	1.919	0.692	1.065	67.857

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 2011) Asian

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	000160	21.381	5.814	0.831	2.390	66.815
	Basic Understanding	12	000160	8.363	2.448	0.660	1.427	69.691
	Applying Knowledge of Literary Elements	06	000160	4.069	1.514	0.574	0.988	67.816
	Using Strategies to Analyze	06	000160	4.094	1.462	0.482	1.052	68.233
	Applying Critical-Thinking Skills	08	000160	4.856	1.748	0.485	1.254	60.700
Mathematics	COMPLETE SUBTEST	34	000147	22.741	6.313	0.851	2.437	66.885
	Numbers, Operations, and Quantitative Reasoning	09	000147	6.735	1.953	0.675	1.113	74.833
	Patterns, Relationships, and Algebraic Reasoning	06	000147	4.299	1.528	0.613	0.951	71.650
	Geometry and Spatial Reasoning	05	000147	3.340	1.301	0.448	0.967	66.800
	Concepts and Uses of Measurement	05	000147	2.490	1.257	0.301	1.051	49.800
	Probability and Statistics	03	000147	2.048	0.981	0.556	0.654	68.266
	Mathematical Processes and Tools	06	000147	3.830	1.532	0.496	1.088	63.833
Writing	COMPLETE SUBTEST	33	000168	18.607	5.330	0.858	2.008	71.379
	Appropriate Organization of Ideas	03	000168	1.982	1.030	0.559	0.684	66.066
	Correct and Effective Sentence Construction	07	000168	4.696	1.807	0.628	1.102	67.085
	Standard Usage and Appropriate Word Choice	07	000168	5.095	1.598	0.551	1.071	72.785
	Proofreading for Punctuation, Capitalization, and Spelling	07	000168	5.357	1.628	0.623	1.000	76.528

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 04 TAKS-M (Spring 2011) Black or African American

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	002904	22.610	5.593	0.826	2.333	70.656
	Basic Understanding	12	002904	8.728	2.373	0.658	1.388	72.733
	Applying Knowledge of Literary Elements	06	002904	4.507	1.367	0.514	0.953	75.116
	Using Strategies to Analyze	06	002904	4.054	1.470	0.491	1.049	67.566
	Applying Critical-Thinking Skills	08	002904	5.321	1.667	0.459	1.226	66.512
Mathematics	COMPLETE SUBTEST	34	002888	21.467	6.091	0.829	2.519	63.138
	Numbers, Operations, and Quantitative Reasoning	09	002888	6.378	1.830	0.593	1.167	70.866
	Patterns, Relationships, and Algebraic Reasoning	06	002888	3.964	1.474	0.497	1.045	66.066
	Geometry and Spatial Reasoning	05	002888	2.962	1.386	0.476	1.003	59.240
	Concepts and Uses of Measurement	05	002888	2.433	1.311	0.365	1.045	48.660
	Probability and Statistics	03	002888	1.840	0.909	0.350	0.733	61.333
	Mathematical Processes and Tools	06	002888	3.890	1.508	0.482	1.085	64.833
	Writing	COMPLETE SUBTEST	33	002917	16.795	5.408	0.842	2.150
Appropriate Organization of Ideas	03	002917	1.850	0.976	0.397	0.758	61.666	
Correct and Effective Sentence Construction	07	002917	4.251	1.897	0.634	1.148	60.728	
Standard Usage and Appropriate Word Choice	07	002917	4.530	1.672	0.531	1.145	64.714	
Proofreading for Punctuation, Capitalization, and Spelling	07	002917	4.774	1.778	0.617	1.100	68.200	

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

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

3 Multiple-choice and gridded items only

Grade 04 TAKS-M (Spring 2011) Native Hawaiian/Pacific Islander

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	000016	22.313	6.964	0.897	2.235	69.728
	Basic Understanding	12	000016	8.625	2.604	0.731	1.351	71.875
	Applying Knowledge of Literary Elements	06	000016	4.438	1.931	0.854	0.738	73.966
	Using Strategies to Analyze	06	000016	4.125	1.408	0.424	1.069	68.750
	Applying Critical-Thinking Skills	08	000016	5.125	2.125	0.702	1.160	64.062
Mathematics	COMPLETE SUBTEST	34	000020	20.800	6.670	0.860	2.496	61.176
	Numbers, Operations, and Quantitative Reasoning	09	000020	5.850	2.159	0.728	1.126	65.000
	Patterns, Relationships, and Algebraic Reasoning	06	000020	3.750	1.970	0.790	0.903	62.500
	Geometry and Spatial Reasoning	05	000020	3.250	1.293	0.406	0.997	65.000
	Concepts and Uses of Measurement	05	000020	2.550	1.276	0.323	1.050	51.000
	Probability and Statistics	03	000020	2.100	0.718	*****	*****	70.000
Writing	Mathematical Processes and Tools	06	000020	3.300	1.455	0.388	1.138	55.000
	COMPLETE SUBTEST	33	000017	16.941	5.285	0.846	2.074	65.441
	Appropriate Organization of Ideas	03	000017	2.000	0.935	0.372	0.741	66.666
	Correct and Effective Sentence Construction	07	000017	4.176	1.667	0.496	1.183	59.657
	Standard Usage and Appropriate Word Choice	07	000017	4.765	1.678	0.600	1.061	68.071
	Proofreading for Punctuation, Capitalization, and Spelling	07	000017	4.765	1.953	0.723	1.028	68.071

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 2011) White

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	003295	23.281	5.434	0.823	2.286	72.753
	Basic Understanding	12	003295	8.974	2.336	0.662	1.358	74.783
	Applying Knowledge of Literary Elements	06	003295	4.620	1.327	0.508	0.931	77.000
	Using Strategies to Analyze	06	003295	4.175	1.413	0.460	1.038	69.583
	Applying Critical-Thinking Skills	08	003295	5.512	1.650	0.472	1.199	68.900
Mathematics	COMPLETE SUBTEST	34	003311	22.331	6.173	0.838	2.485	65.679
	Numbers, Operations, and Quantitative Reasoning	09	003311	6.435	1.863	0.608	1.166	71.500
	Patterns, Relationships, and Algebraic Reasoning	06	003311	4.005	1.460	0.487	1.046	66.750
	Geometry and Spatial Reasoning	05	003311	3.251	1.366	0.499	0.967	65.020
	Concepts and Uses of Measurement	05	003311	2.624	1.351	0.416	1.032	52.480
	Probability and Statistics	03	003311	1.880	0.913	0.339	0.742	62.666
	Mathematical Processes and Tools	06	003311	4.136	1.483	0.508	1.040	68.933
Writing	COMPLETE SUBTEST	33	003837	17.254	5.385	0.847	2.106	66.250
	Appropriate Organization of Ideas	03	003837	1.965	0.973	0.438	0.729	65.500
	Correct and Effective Sentence Construction	07	003837	4.374	1.855	0.621	1.142	62.485
	Standard Usage and Appropriate Word Choice	07	003837	4.655	1.628	0.524	1.123	66.500
	Proofreading for Punctuation, Capitalization, and Spelling	07	003837	4.906	1.750	0.615	1.086	70.085

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 2011) Two or More Races

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	32	000177	23.633	5.259	0.818	2.244	73.853
	Basic Understanding	12	000177	9.288	2.257	0.669	1.299	77.400
	Applying Knowledge of Literary Elements	06	000177	4.605	1.249	0.424	0.948	76.750
	Using Strategies to Analyze	06	000177	4.277	1.445	0.518	1.003	71.283
	Applying Critical-Thinking Skills	08	000177	5.463	1.651	0.479	1.192	68.287
Mathematics	COMPLETE SUBTEST	34	000175	23.434	6.112	0.842	2.429	68.923
	Numbers, Operations, and Quantitative Reasoning	09	000175	6.749	1.852	0.635	1.119	74.988
	Patterns, Relationships, and Algebraic Reasoning	06	000175	4.269	1.439	0.515	1.002	71.150
	Geometry and Spatial Reasoning	05	000175	3.394	1.321	0.476	0.956	67.880
	Concepts and Uses of Measurement	05	000175	2.811	1.279	0.332	1.045	56.220
	Probability and Statistics	03	000175	2.017	0.887	0.330	0.726	67.233
	Mathematical Processes and Tools	06	000175	4.194	1.445	0.481	1.041	69.900
Writing	COMPLETE SUBTEST	33	000204	17.515	5.302	0.844	2.094	67.383
	Appropriate Organization of Ideas	03	000204	1.941	1.025	0.541	0.694	64.700
	Correct and Effective Sentence Construction	07	000204	4.368	1.861	0.623	1.143	62.400
	Standard Usage and Appropriate Word Choice	07	000204	4.760	1.584	0.494	1.127	68.000
	Proofreading for Punctuation, Capitalization, and Spelling	07	000204	5.103	1.740	0.644	1.038	72.900

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 2011) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	014928	23.553	5.979	0.832	2.451	69.273
	Basic Understanding	11	014928	7.730	2.249	0.617	1.392	70.272
	Applying Knowledge of Literary Elements	06	014928	4.684	1.291	0.488	0.924	78.066
	Using Strategies to Analyze	06	014928	3.741	1.414	0.399	1.096	62.350
	Applying Critical-Thinking Skills	11	014928	7.399	2.398	0.652	1.415	67.263
Mathematics	COMPLETE SUBTEST	35	014566	23.672	5.944	0.818	2.536	67.634
	Numbers, Operations, and Quantitative Reasoning	09	014566	6.099	1.946	0.565	1.283	67.766
	Patterns, Relationships, and Algebraic Reasoning	06	014566	3.466	1.458	0.408	1.122	57.766
	Geometry and Spatial Reasoning	06	014566	4.340	1.358	0.460	0.998	72.333
	Concepts and Uses of Measurement	06	014566	4.203	1.351	0.387	1.058	70.050
	Probability and Statistics	03	014566	2.325	0.828	0.363	0.661	77.500
	Mathematical Processes and Tools	05	014566	3.239	1.287	0.434	0.968	64.780
	COMPLETE SUBTEST	32	014493	24.612	4.792	0.789	2.201	76.912
Science	Nature of Science	11	014493	8.340	2.051	0.604	1.291	75.818
	Life Sciences	07	014493	5.566	1.418	0.511	0.992	79.514
	Physical Sciences	07	014493	5.544	1.316	0.428	0.995	79.200
	Earth Sciences	07	014493	5.162	1.358	0.350	1.095	73.742

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 2011) Female

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	005118	24.130	5.769	0.825	2.413	70.970
	Basic Understanding	11	005118	7.946	2.156	0.602	1.360	72.236
	Applying Knowledge of Literary Elements	06	005118	4.770	1.245	0.472	0.905	79.500
	Using Strategies to Analyze	06	005118	3.839	1.395	0.400	1.081	63.983
	Applying Critical-Thinking Skills	11	005118	7.574	2.363	0.652	1.394	68.854
Mathematics	COMPLETE SUBTEST	35	005446	23.705	5.748	0.805	2.538	67.728
	Numbers, Operations, and Quantitative Reasoning	09	005446	6.105	1.909	0.545	1.288	67.833
	Patterns, Relationships, and Algebraic Reasoning	06	005446	3.494	1.434	0.382	1.127	58.233
	Geometry and Spatial Reasoning	06	005446	4.378	1.335	0.449	0.991	72.966
	Concepts and Uses of Measurement	06	005446	4.150	1.339	0.359	1.072	69.166
	Probability and Statistics	03	005446	2.373	0.797	0.342	0.647	79.100
	Mathematical Processes and Tools	05	005446	3.204	1.247	0.395	0.970	64.080
Science	COMPLETE SUBTEST	32	005318	24.287	4.596	0.762	2.242	75.896
	Nature of Science	11	005318	8.299	1.970	0.566	1.298	75.445
	Life Sciences	07	005318	5.444	1.427	0.481	1.028	77.771
	Physical Sciences	07	005318	5.463	1.297	0.382	1.020	78.042
	Earth Sciences	07	005318	5.080	1.336	0.306	1.113	72.571

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 2011) Male

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	009795	23.248	6.066	0.834	2.471	68.376
	Basic Understanding	11	009795	7.616	2.290	0.622	1.408	69.236
	Applying Knowledge of Literary Elements	06	009795	4.637	1.312	0.494	0.933	77.283
	Using Strategies to Analyze	06	009795	3.689	1.421	0.396	1.104	61.483
	Applying Critical-Thinking Skills	11	009795	7.306	2.411	0.652	1.422	66.418
Mathematics	COMPLETE SUBTEST	35	009107	23.648	6.059	0.825	2.535	67.565
	Numbers, Operations, and Quantitative Reasoning	09	009107	6.095	1.968	0.575	1.283	67.722
	Patterns, Relationships, and Algebraic Reasoning	06	009107	3.449	1.472	0.423	1.118	57.483
	Geometry and Spatial Reasoning	06	009107	4.316	1.371	0.467	1.001	71.933
	Concepts and Uses of Measurement	06	009107	4.234	1.357	0.403	1.048	70.566
	Probability and Statistics	03	009107	2.296	0.845	0.370	0.671	76.533
	Mathematical Processes and Tools	05	009107	3.258	1.310	0.457	0.965	65.160
Science	COMPLETE SUBTEST	32	009151	24.798	4.893	0.802	2.177	77.493
	Nature of Science	11	009151	8.363	2.096	0.624	1.285	76.027
	Life Sciences	07	009151	5.636	1.409	0.526	0.970	80.514
	Physical Sciences	07	009151	5.590	1.326	0.454	0.980	79.857
	Earth Sciences	07	009151	5.208	1.369	0.375	1.082	74.400

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

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

3 Multiple-choice and gridded items only

Grade 05 TAKS-M (Spring 2011) Hispanic/Latino

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	007755	23.306	5.978	0.829	2.472	68.547
	Basic Understanding	11	007755	7.610	2.254	0.610	1.408	69.181
	Applying Knowledge of Literary Elements	06	007755	4.640	1.302	0.490	0.930	77.333
	Using Strategies to Analyze	06	007755	3.699	1.406	0.382	1.105	61.650
	Applying Critical-Thinking Skills	11	007755	7.357	2.401	0.650	1.420	66.881
Mathematics	COMPLETE SUBTEST	35	007191	23.712	5.891	0.815	2.534	67.748
	Numbers, Operations, and Quantitative Reasoning	09	007191	6.113	1.944	0.566	1.281	67.922
	Patterns, Relationships, and Algebraic Reasoning	06	007191	3.457	1.449	0.398	1.124	57.616
	Geometry and Spatial Reasoning	06	007191	4.406	1.337	0.455	0.987	73.433
	Concepts and Uses of Measurement	06	007191	4.201	1.339	0.369	1.064	70.016
	Probability and Statistics	03	007191	2.343	0.823	0.374	0.651	78.100
	Mathematical Processes and Tools	05	007191	3.190	1.283	0.419	0.978	63.800
Science	COMPLETE SUBTEST	32	007678	24.564	4.856	0.794	2.204	76.762
	Nature of Science	11	007678	8.367	2.059	0.612	1.283	76.063
	Life Sciences	07	007678	5.515	1.448	0.521	1.002	78.785
	Physical Sciences	07	007678	5.537	1.335	0.446	0.994	79.100
	Earth Sciences	07	007678	5.147	1.364	0.353	1.097	73.528

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 05 TAKS-M (Spring 2011) Am. Indian or Alaskan Native

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	000061	24.230	6.076	0.847	2.377	71.264
	Basic Understanding	11	000061	7.689	2.321	0.645	1.383	69.900
	Applying Knowledge of Literary Elements	06	000061	4.754	1.362	0.585	0.877	79.233
	Using Strategies to Analyze	06	000061	3.967	1.354	0.389	1.058	66.116
	Applying Critical-Thinking Skills	11	000061	7.820	2.277	0.642	1.362	71.090
Mathematics	COMPLETE SUBTEST	35	000053	25.755	5.487	0.813	2.373	73.585
	Numbers, Operations, and Quantitative Reasoning	09	000053	6.453	1.771	0.511	1.238	71.700
	Patterns, Relationships, and Algebraic Reasoning	06	000053	3.830	1.566	0.571	1.026	63.833
	Geometry and Spatial Reasoning	06	000053	4.811	1.127	0.338	0.917	80.183
	Concepts and Uses of Measurement	06	000053	4.604	1.214	0.344	0.983	76.733
	Probability and Statistics	03	000053	2.509	0.775	0.489	0.554	83.633
	Mathematical Processes and Tools	05	000053	3.547	1.102	0.244	0.958	70.940
Science	COMPLETE SUBTEST	32	000060	24.717	5.066	0.819	2.155	77.240
	Nature of Science	11	000060	8.350	2.246	0.689	1.253	75.909
	Life Sciences	07	000060	5.667	1.374	0.519	0.953	80.957
	Physical Sciences	07	000060	5.667	1.174	0.316	0.971	80.957
	Earth Sciences	07	000060	5.033	1.426	0.379	1.124	71.900

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 2011) Asian

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	000162	23.216	6.319	0.850	2.447	68.282
	Basic Understanding	11	000162	7.722	2.110	0.556	1.406	70.200
	Applying Knowledge of Literary Elements	06	000162	4.580	1.245	0.398	0.966	76.333
	Using Strategies to Analyze	06	000162	3.778	1.436	0.418	1.096	62.966
	Applying Critical-Thinking Skills	11	000162	7.136	2.629	0.715	1.404	64.872
Mathematics	COMPLETE SUBTEST	35	000128	23.984	6.375	0.849	2.477	68.525
	Numbers, Operations, and Quantitative Reasoning	09	000128	6.281	1.960	0.586	1.261	69.788
	Patterns, Relationships, and Algebraic Reasoning	06	000128	3.578	1.560	0.507	1.095	59.633
	Geometry and Spatial Reasoning	06	000128	4.313	1.440	0.531	0.986	71.883
	Concepts and Uses of Measurement	06	000128	4.391	1.399	0.492	0.997	73.183
	Probability and Statistics	03	000128	2.336	0.872	0.505	0.614	77.866
	Mathematical Processes and Tools	05	000128	3.086	1.328	0.488	0.950	61.720
Science	COMPLETE SUBTEST	32	000144	23.056	5.261	0.805	2.323	72.050
	Nature of Science	11	000144	7.882	2.201	0.631	1.337	71.654
	Life Sciences	07	000144	5.007	1.531	0.475	1.109	71.528
	Physical Sciences	07	000144	5.174	1.440	0.449	1.069	73.914
	Earth Sciences	07	000144	4.993	1.475	0.431	1.113	71.328

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 2011) Black or African American

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	003093	23.593	6.036	0.837	2.437	69.391
	Basic Understanding	11	003093	7.788	2.283	0.639	1.372	70.800
	Applying Knowledge of Literary Elements	06	003093	4.697	1.297	0.500	0.917	78.283
	Using Strategies to Analyze	06	003093	3.737	1.419	0.415	1.085	62.283
	Applying Critical-Thinking Skills	11	003093	7.371	2.382	0.645	1.419	67.009
Mathematics	COMPLETE SUBTEST	35	003190	23.183	5.924	0.812	2.569	66.237
	Numbers, Operations, and Quantitative Reasoning	09	003190	6.046	1.949	0.565	1.285	67.177
	Patterns, Relationships, and Algebraic Reasoning	06	003190	3.443	1.476	0.422	1.122	57.383
	Geometry and Spatial Reasoning	06	003190	4.140	1.373	0.435	1.032	69.000
	Concepts and Uses of Measurement	06	003190	4.110	1.352	0.362	1.080	68.500
	Probability and Statistics	03	003190	2.236	0.853	0.334	0.696	74.533
	Mathematical Processes and Tools	05	003190	3.208	1.259	0.403	0.973	64.160
Science	COMPLETE SUBTEST	32	003043	24.330	4.653	0.769	2.236	76.031
	Nature of Science	11	003043	8.209	2.021	0.579	1.311	74.627
	Life Sciences	07	003043	5.516	1.431	0.506	1.006	78.800
	Physical Sciences	07	003043	5.523	1.281	0.381	1.008	78.900
	Earth Sciences	07	003043	5.082	1.347	0.321	1.110	72.600

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

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

3 Multiple-choice and gridded items only

Grade 05 TAKS-M (Spring 2011) Native Hawaiian/Pacific Islander

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	000016	22.750	5.837	0.820	2.476	66.911
	Basic Understanding	11	000016	7.563	2.780	0.785	1.289	68.754
	Applying Knowledge of Literary Elements	06	000016	4.438	0.964	*****	*****	73.966
	Using Strategies to Analyze	06	000016	3.438	1.315	0.238	1.148	57.300
	Applying Critical-Thinking Skills	11	000016	7.313	2.387	0.643	1.426	66.481
Mathematics	COMPLETE SUBTEST	35	000018	22.667	6.971	0.877	2.445	64.762
	Numbers, Operations, and Quantitative Reasoning	09	000018	5.556	1.653	0.355	1.328	61.733
	Patterns, Relationships, and Algebraic Reasoning	06	000018	3.833	1.424	0.483	1.024	63.883
	Geometry and Spatial Reasoning	06	000018	3.722	1.809	0.759	0.888	62.033
	Concepts and Uses of Measurement	06	000018	4.167	1.581	0.594	1.007	69.450
	Probability and Statistics	03	000018	2.000	0.767	*****	*****	66.666
Science	Mathematical Processes and Tools	05	000018	3.389	1.335	0.571	0.874	67.780
	COMPLETE SUBTEST	32	000017	23.000	5.635	0.838	2.268	71.875
	Nature of Science	11	000017	7.647	2.448	0.713	1.311	69.518
	Life Sciences	07	000017	5.000	1.696	0.650	1.003	71.428
	Physical Sciences	07	000017	5.353	1.320	0.365	1.052	76.471
	Earth Sciences	07	000017	5.000	1.458	0.403	1.127	71.428

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 2011) White

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	003604	23.998	5.907	0.832	2.421	70.582
	Basic Understanding	11	003604	7.909	2.210	0.614	1.373	71.900
	Applying Knowledge of Literary Elements	06	003604	4.758	1.264	0.481	0.911	79.300
	Using Strategies to Analyze	06	003604	3.820	1.426	0.424	1.082	63.666
	Applying Critical-Thinking Skills	11	003604	7.511	2.395	0.661	1.394	68.281
Mathematics	COMPLETE SUBTEST	35	003744	23.945	6.033	0.827	2.509	68.414
	Numbers, Operations, and Quantitative Reasoning	09	003744	6.098	1.949	0.561	1.291	67.755
	Patterns, Relationships, and Algebraic Reasoning	06	003744	3.490	1.452	0.410	1.115	58.166
	Geometry and Spatial Reasoning	06	003744	4.379	1.366	0.480	0.985	72.983
	Concepts and Uses of Measurement	06	003744	4.271	1.369	0.432	1.032	71.183
	Probability and Statistics	03	003744	2.362	0.811	0.354	0.652	78.733
	Mathematical Processes and Tools	05	003744	3.346	1.313	0.483	0.944	66.920
Science	COMPLETE SUBTEST	32	003320	24.989	4.731	0.791	2.163	78.090
	Nature of Science	11	003320	8.405	2.050	0.608	1.284	76.409
	Life Sciences	07	003320	5.737	1.314	0.476	0.951	81.957
	Physical Sciences	07	003320	5.579	1.308	0.434	0.984	79.700
	Earth Sciences	07	003320	5.268	1.347	0.365	1.073	75.257

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 2011) Two or More Races

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	000218	24.394	5.781	0.830	2.384	71.747
	Basic Understanding	11	000218	8.174	2.083	0.589	1.335	74.309
	Applying Knowledge of Literary Elements	06	000218	4.849	1.233	0.492	0.879	80.816
	Using Strategies to Analyze	06	000218	3.885	1.388	0.394	1.081	64.750
	Applying Critical-Thinking Skills	11	000218	7.486	2.387	0.657	1.398	68.054
Mathematics	COMPLETE SUBTEST	35	000224	24.143	5.723	0.807	2.514	68.980
	Numbers, Operations, and Quantitative Reasoning	09	000224	6.259	1.914	0.565	1.262	69.544
	Patterns, Relationships, and Algebraic Reasoning	06	000224	3.487	1.509	0.460	1.109	58.116
	Geometry and Spatial Reasoning	06	000224	4.393	1.318	0.433	0.992	73.216
	Concepts and Uses of Measurement	06	000224	4.254	1.279	0.319	1.055	70.900
	Probability and Statistics	03	000224	2.321	0.828	0.350	0.668	77.366
	Mathematical Processes and Tools	05	000224	3.429	1.297	0.489	0.927	68.580
Science	COMPLETE SUBTEST	32	000210	25.557	4.319	0.763	2.103	79.865
	Nature of Science	11	000210	8.633	1.880	0.562	1.244	78.481
	Life Sciences	07	000210	5.819	1.322	0.519	0.917	83.128
	Physical Sciences	07	000210	5.757	1.117	0.254	0.965	82.242
	Earth Sciences	07	000210	5.348	1.286	0.328	1.054	76.400

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

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

3 Multiple-choice and gridded items only

Grade 06 TAKS-M (Spring 2011) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	014235	22.749	6.370	0.848	2.483	66.908
	Basic Understanding	11	014235	7.717	2.295	0.641	1.375	70.154
	Applying Knowledge of Literary Elements	06	014235	3.858	1.491	0.460	1.096	64.300
	Using Strategies to Analyze	06	014235	4.066	1.569	0.576	1.022	67.766
	Applying Critical-Thinking Skills	11	014235	7.109	2.285	0.610	1.427	64.627
Mathematics	COMPLETE SUBTEST	37	014673	22.630	5.924	0.788	2.728	61.162
	Numbers, Operations, and Quantitative Reasoning	08	014673	4.652	1.781	0.463	1.305	58.150
	Patterns, Relationships, and Algebraic Reasoning	07	014673	4.623	1.412	0.342	1.145	66.042
	Geometry and Spatial Reasoning	06	014673	4.274	1.339	0.440	1.002	71.233
	Concepts and Uses of Measurement	04	014673	2.294	1.056	0.236	0.923	57.350
	Probability and Statistics	05	014673	2.806	1.263	0.328	1.035	56.120
	Mathematical Processes and Tools	07	014673	3.980	1.671	0.472	1.214	56.857

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 2011) Female

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	004835	23.952	6.116	0.846	2.400	70.447
	Basic Understanding	11	004835	8.047	2.189	0.630	1.332	73.154
	Applying Knowledge of Literary Elements	06	004835	4.102	1.438	0.453	1.064	68.366
	Using Strategies to Analyze	06	004835	4.320	1.495	0.566	0.985	72.000
	Applying Critical-Thinking Skills	11	004835	7.483	2.229	0.617	1.379	68.027
Mathematics	COMPLETE SUBTEST	37	005434	22.867	5.768	0.778	2.718	61.802
	Numbers, Operations, and Quantitative Reasoning	08	005434	4.680	1.757	0.453	1.299	58.500
	Patterns, Relationships, and Algebraic Reasoning	07	005434	4.686	1.385	0.319	1.143	66.942
	Geometry and Spatial Reasoning	06	005434	4.370	1.275	0.407	0.982	72.833
	Concepts and Uses of Measurement	04	005434	2.258	1.048	0.215	0.929	56.450
	Probability and Statistics	05	005434	2.853	1.265	0.339	1.028	57.060
	Mathematical Processes and Tools	07	005434	4.020	1.635	0.447	1.216	57.428

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 2011) Male

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	009375	22.137	6.404	0.845	2.521	65.108
	Basic Understanding	11	009375	7.549	2.328	0.640	1.397	68.627
	Applying Knowledge of Literary Elements	06	009375	3.733	1.501	0.452	1.111	62.216
	Using Strategies to Analyze	06	009375	3.936	1.589	0.571	1.041	65.600
	Applying Critical-Thinking Skills	11	009375	6.918	2.289	0.599	1.449	62.890
Mathematics	COMPLETE SUBTEST	37	009213	22.498	6.010	0.793	2.734	60.805
	Numbers, Operations, and Quantitative Reasoning	08	009213	4.638	1.795	0.472	1.304	57.975
	Patterns, Relationships, and Algebraic Reasoning	07	009213	4.588	1.426	0.353	1.147	65.542
	Geometry and Spatial Reasoning	06	009213	4.219	1.372	0.454	1.014	70.316
	Concepts and Uses of Measurement	04	009213	2.316	1.059	0.250	0.917	57.900
	Probability and Statistics	05	009213	2.780	1.261	0.322	1.038	55.600
	Mathematical Processes and Tools	07	009213	3.957	1.691	0.486	1.212	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 2011) Hispanic/Latino

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	007261	22.194	6.372	0.844	2.517	65.276
	Basic Understanding	11	007261	7.528	2.324	0.636	1.402	68.436
	Applying Knowledge of Literary Elements	06	007261	3.799	1.491	0.453	1.103	63.316
	Using Strategies to Analyze	06	007261	3.976	1.578	0.570	1.035	66.266
	Applying Critical-Thinking Skills	11	007261	6.891	2.288	0.599	1.449	62.645
Mathematics	COMPLETE SUBTEST	37	007134	22.575	5.885	0.784	2.735	61.013
	Numbers, Operations, and Quantitative Reasoning	08	007134	4.648	1.788	0.468	1.304	58.100
	Patterns, Relationships, and Algebraic Reasoning	07	007134	4.611	1.421	0.348	1.147	65.871
	Geometry and Spatial Reasoning	06	007134	4.297	1.329	0.434	1.000	71.616
	Concepts and Uses of Measurement	04	007134	2.325	1.050	0.232	0.920	58.125
	Probability and Statistics	05	007134	2.754	1.256	0.312	1.042	55.080
	Mathematical Processes and Tools	07	007134	3.940	1.675	0.471	1.218	56.285

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 2011) Am. Indian or Alaskan Native

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	000069	24.623	5.976	0.845	2.353	72.420
	Basic Understanding	11	000069	8.014	2.272	0.665	1.315	72.854
	Applying Knowledge of Literary Elements	06	000069	4.290	1.373	0.429	1.038	71.500
	Using Strategies to Analyze	06	000069	4.522	1.400	0.540	0.950	75.366
	Applying Critical-Thinking Skills	11	000069	7.797	2.055	0.555	1.371	70.881
Mathematics	COMPLETE SUBTEST	37	000070	23.700	5.063	0.720	2.679	64.054
	Numbers, Operations, and Quantitative Reasoning	08	000070	4.914	1.558	0.320	1.285	61.425
	Patterns, Relationships, and Algebraic Reasoning	07	000070	4.943	1.295	0.252	1.120	70.614
	Geometry and Spatial Reasoning	06	000070	4.371	1.241	0.385	0.973	72.850
	Concepts and Uses of Measurement	04	000070	2.357	0.918	*****	*****	58.925
	Probability and Statistics	05	000070	2.886	1.186	0.229	1.041	57.720
	Mathematical Processes and Tools	07	000070	4.229	1.811	0.607	1.135	60.414

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 2011) Asian

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	000137	21.445	6.611	0.853	2.535	63.073
	Basic Understanding	11	000137	7.438	2.370	0.651	1.400	67.618
	Applying Knowledge of Literary Elements	06	000137	3.504	1.582	0.504	1.114	58.400
	Using Strategies to Analyze	06	000137	3.927	1.666	0.632	1.011	65.450
	Applying Critical-Thinking Skills	11	000137	6.577	2.297	0.590	1.471	59.790
Mathematics	COMPLETE SUBTEST	37	000127	24.157	5.201	0.735	2.677	65.289
	Numbers, Operations, and Quantitative Reasoning	08	000127	4.827	1.796	0.497	1.274	60.337
	Patterns, Relationships, and Algebraic Reasoning	07	000127	4.969	1.259	0.207	1.121	70.985
	Geometry and Spatial Reasoning	06	000127	4.598	1.243	0.432	0.937	76.633
	Concepts and Uses of Measurement	04	000127	2.378	0.975	0.074	0.938	59.450
	Probability and Statistics	05	000127	2.929	1.196	0.228	1.051	58.580
	Mathematical Processes and Tools	07	000127	4.457	1.542	0.416	1.178	63.671

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 2011) Black or African American

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	003168	23.328	6.358	0.853	2.438	68.611
	Basic Understanding	11	003168	7.953	2.305	0.663	1.338	72.300
	Applying Knowledge of Literary Elements	06	003168	3.906	1.505	0.480	1.085	65.100
	Using Strategies to Analyze	06	003168	4.116	1.547	0.568	1.017	68.600
	Applying Critical-Thinking Skills	11	003168	7.353	2.248	0.616	1.393	66.845
Mathematics	COMPLETE SUBTEST	37	003372	22.273	5.937	0.786	2.746	60.197
	Numbers, Operations, and Quantitative Reasoning	08	003372	4.599	1.763	0.447	1.311	57.487
	Patterns, Relationships, and Algebraic Reasoning	07	003372	4.601	1.427	0.347	1.153	65.728
	Geometry and Spatial Reasoning	06	003372	4.165	1.357	0.429	1.025	69.416
	Concepts and Uses of Measurement	04	003372	2.197	1.062	0.240	0.926	54.925
	Probability and Statistics	05	003372	2.751	1.267	0.335	1.033	55.020
	Mathematical Processes and Tools	07	003372	3.959	1.649	0.451	1.222	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 2011) Native Hawaiian/Pacific Islander

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	000014	19.071	5.967	0.807	2.621	56.091
	Basic Understanding	11	000014	6.929	2.433	0.638	1.464	62.990
	Applying Knowledge of Literary Elements	06	000014	3.000	1.569	0.484	1.127	50.000
	Using Strategies to Analyze	06	000014	3.357	1.646	0.606	1.033	55.950
	Applying Critical-Thinking Skills	11	000014	5.786	1.477	*****	*****	52.600
Mathematics	COMPLETE SUBTEST	37	000014	20.643	3.895	0.508	2.732	55.791
	Numbers, Operations, and Quantitative Reasoning	08	000014	4.214	1.718	0.453	1.271	52.675
	Patterns, Relationships, and Algebraic Reasoning	07	000014	4.429	1.284	0.177	1.165	63.271
	Geometry and Spatial Reasoning	06	000014	4.143	0.949	*****	*****	69.050
	Concepts and Uses of Measurement	04	000014	1.571	0.938	0.018	0.930	39.275
	Probability and Statistics	05	000014	2.786	1.051	0.101	0.997	55.720
	Mathematical Processes and Tools	07	000014	3.500	1.019	*****	*****	50.000

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 06 TAKS-M (Spring 2011) White

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	003395	23.382	6.238	0.846	2.448	68.770
	Basic Understanding	11	003395	7.901	2.185	0.617	1.352	71.827
	Applying Knowledge of Literary Elements	06	003395	3.939	1.461	0.444	1.089	65.650
	Using Strategies to Analyze	06	003395	4.204	1.549	0.583	1.000	70.066
	Applying Critical-Thinking Skills	11	003395	7.339	2.265	0.613	1.409	66.718
Mathematics	COMPLETE SUBTEST	37	003735	22.965	5.991	0.796	2.706	62.067
	Numbers, Operations, and Quantitative Reasoning	08	003735	4.696	1.784	0.470	1.299	58.700
	Patterns, Relationships, and Algebraic Reasoning	07	003735	4.640	1.389	0.330	1.137	66.285
	Geometry and Spatial Reasoning	06	003735	4.314	1.339	0.455	0.989	71.900
	Concepts and Uses of Measurement	04	003735	2.322	1.060	0.236	0.927	58.050
	Probability and Statistics	05	003735	2.942	1.268	0.347	1.025	58.840
	Mathematical Processes and Tools	07	003735	4.050	1.681	0.489	1.202	57.857

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 2011) Two or More Races

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	34	000172	23.610	6.604	0.868	2.399	69.441
	Basic Understanding	11	000172	7.855	2.276	0.651	1.345	71.409
	Applying Knowledge of Literary Elements	06	000172	4.093	1.538	0.545	1.037	68.216
	Using Strategies to Analyze	06	000172	4.180	1.681	0.672	0.963	69.666
	Applying Critical-Thinking Skills	11	000172	7.483	2.341	0.653	1.379	68.027
Mathematics	COMPLETE SUBTEST	37	000201	23.109	6.227	0.815	2.678	62.456
	Numbers, Operations, and Quantitative Reasoning	08	000201	4.701	1.857	0.525	1.280	58.762
	Patterns, Relationships, and Algebraic Reasoning	07	000201	4.786	1.385	0.349	1.117	68.371
	Geometry and Spatial Reasoning	06	000201	4.308	1.405	0.511	0.982	71.800
	Concepts and Uses of Measurement	04	000201	2.303	1.092	0.292	0.919	57.575
	Probability and Statistics	05	000201	2.980	1.249	0.352	1.005	59.600
	Mathematical Processes and Tools	07	000201	4.030	1.670	0.478	1.207	57.571

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 2011) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	013871	25.045	7.572	0.878	2.645	65.907
	Basic Understanding	10	013871	6.614	2.248	0.630	1.367	66.140
	Applying Knowledge of Literary Elements	08	013871	5.314	1.964	0.629	1.196	66.425
	Using Strategies to Analyze	08	013871	5.071	2.009	0.631	1.220	63.387
	Applying Critical-Thinking Skills	12	013871	8.046	2.634	0.685	1.478	67.050
Mathematics	COMPLETE SUBTEST	38	014522	21.836	6.261	0.795	2.835	57.463
	Numbers, Operations, and Quantitative Reasoning	08	014522	4.851	1.726	0.434	1.299	60.637
	Patterns, Relationships, and Algebraic Reasoning	08	014522	4.350	1.656	0.359	1.326	54.375
	Geometry and Spatial Reasoning	06	014522	3.222	1.518	0.433	1.143	53.700
	Concepts and Uses of Measurement	04	014522	2.473	1.184	0.448	0.880	61.825
	Probability and Statistics	06	014522	3.317	1.403	0.385	1.100	55.283
	Mathematical Processes and Tools	06	014522	3.623	1.465	0.421	1.115	60.383
Writing	COMPLETE SUBTEST	44	014568	21.184	6.161	0.830	2.540	61.296
	Appropriate Organization of Ideas	04	014568	2.595	1.078	0.346	0.872	64.875
	Correct and Effective Sentence Construction	08	014568	4.559	1.931	0.550	1.295	56.987
	Standard Usage and Appropriate Word Choice	10	014568	6.718	2.216	0.626	1.355	67.180
	Proofreading for Punctuation, Capitalization, and Spelling	10	014568	5.742	2.173	0.584	1.402	57.420

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 2011) Female

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	004505	25.569	7.360	0.874	2.613	67.286
	Basic Understanding	10	004505	6.704	2.203	0.620	1.358	67.040
	Applying Knowledge of Literary Elements	08	004505	5.427	1.918	0.615	1.190	67.837
	Using Strategies to Analyze	08	004505	5.182	1.994	0.640	1.196	64.775
	Applying Critical-Thinking Skills	12	004505	8.255	2.550	0.671	1.463	68.791
Mathematics	COMPLETE SUBTEST	38	005239	22.236	6.067	0.784	2.820	58.515
	Numbers, Operations, and Quantitative Reasoning	08	005239	4.935	1.706	0.424	1.295	61.687
	Patterns, Relationships, and Algebraic Reasoning	08	005239	4.408	1.622	0.336	1.322	55.100
	Geometry and Spatial Reasoning	06	005239	3.281	1.526	0.446	1.136	54.683
	Concepts and Uses of Measurement	04	005239	2.635	1.167	0.470	0.850	65.875
	Probability and Statistics	06	005239	3.332	1.354	0.352	1.090	55.533
	Mathematical Processes and Tools	06	005239	3.645	1.394	0.355	1.120	60.750
Writing	COMPLETE SUBTEST	44	004631	22.173	5.987	0.825	2.505	63.837
	Appropriate Organization of Ideas	04	004631	2.722	1.040	0.327	0.853	68.050
	Correct and Effective Sentence Construction	08	004631	4.777	1.919	0.556	1.279	59.712
	Standard Usage and Appropriate Word Choice	10	004631	6.908	2.133	0.608	1.335	69.080
	Proofreading for Punctuation, Capitalization, and Spelling	10	004631	6.021	2.149	0.591	1.374	60.210

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 2011) Male

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	009352	24.792	7.661	0.880	2.654	65.242
	Basic Understanding	10	009352	6.571	2.268	0.634	1.372	65.710
	Applying Knowledge of Literary Elements	08	009352	5.259	1.984	0.635	1.199	65.737
	Using Strategies to Analyze	08	009352	5.017	2.015	0.628	1.229	62.712
	Applying Critical-Thinking Skills	12	009352	7.945	2.669	0.690	1.486	66.208
Mathematics	COMPLETE SUBTEST	38	009269	21.610	6.357	0.800	2.843	56.868
	Numbers, Operations, and Quantitative Reasoning	08	009269	4.805	1.734	0.440	1.298	60.062
	Patterns, Relationships, and Algebraic Reasoning	08	009269	4.316	1.675	0.370	1.329	53.950
	Geometry and Spatial Reasoning	06	009269	3.189	1.513	0.428	1.144	53.150
	Concepts and Uses of Measurement	04	009269	2.381	1.185	0.428	0.896	59.525
	Probability and Statistics	06	009269	3.308	1.430	0.402	1.106	55.133
	Mathematical Processes and Tools	06	009269	3.610	1.504	0.454	1.111	60.166
Writing	COMPLETE SUBTEST	44	009927	20.726	6.187	0.830	2.551	60.121
	Appropriate Organization of Ideas	04	009927	2.537	1.091	0.350	0.880	63.425
	Correct and Effective Sentence Construction	08	009927	4.459	1.928	0.545	1.301	55.737
	Standard Usage and Appropriate Word Choice	10	009927	6.631	2.247	0.632	1.363	66.310
	Proofreading for Punctuation, Capitalization, and Spelling	10	009927	5.613	2.172	0.576	1.414	56.130

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 2011) Hispanic/Latino

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	007337	24.501	7.503	0.873	2.674	64.476
	Basic Understanding	10	007337	6.466	2.244	0.618	1.387	64.660
	Applying Knowledge of Literary Elements	08	007337	5.164	1.943	0.604	1.223	64.550
	Using Strategies to Analyze	08	007337	4.959	2.011	0.627	1.228	61.987
	Applying Critical-Thinking Skills	12	007337	7.911	2.630	0.677	1.495	65.925
Mathematics	COMPLETE SUBTEST	38	007324	21.713	6.176	0.788	2.844	57.139
	Numbers, Operations, and Quantitative Reasoning	08	007324	4.854	1.715	0.427	1.298	60.675
	Patterns, Relationships, and Algebraic Reasoning	08	007324	4.327	1.635	0.341	1.327	54.087
	Geometry and Spatial Reasoning	06	007324	3.209	1.507	0.423	1.145	53.483
	Concepts and Uses of Measurement	04	007324	2.469	1.182	0.445	0.881	61.725
	Probability and Statistics	06	007324	3.273	1.398	0.373	1.107	54.550
	Mathematical Processes and Tools	06	007324	3.580	1.455	0.404	1.123	59.666
	COMPLETE SUBTEST	44	007576	20.733	6.055	0.821	2.562	59.865
Writing	Appropriate Organization of Ideas	04	007576	2.556	1.089	0.350	0.878	63.900
	Correct and Effective Sentence Construction	08	007576	4.441	1.907	0.532	1.305	55.512
	Standard Usage and Appropriate Word Choice	10	007576	6.572	2.204	0.611	1.375	65.720
	Proofreading for Punctuation, Capitalization, and Spelling	10	007576	5.588	2.126	0.557	1.415	55.880

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 2011) Am. Indian or Alaskan Native

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	000070	24.857	7.141	0.859	2.681	65.413
	Basic Understanding	10	000070	6.600	2.280	0.646	1.357	66.000
	Applying Knowledge of Literary Elements	08	000070	5.343	1.841	0.561	1.220	66.787
	Using Strategies to Analyze	08	000070	4.929	2.002	0.615	1.242	61.612
	Applying Critical-Thinking Skills	12	000070	7.986	2.325	0.566	1.532	66.550
Mathematics	COMPLETE SUBTEST	38	000066	20.970	6.104	0.786	2.824	55.184
	Numbers, Operations, and Quantitative Reasoning	08	000066	4.591	1.509	0.257	1.301	57.387
	Patterns, Relationships, and Algebraic Reasoning	08	000066	3.955	1.592	0.285	1.346	49.437
	Geometry and Spatial Reasoning	06	000066	3.470	1.459	0.421	1.110	57.833
	Concepts and Uses of Measurement	04	000066	2.227	1.274	0.540	0.864	55.675
	Probability and Statistics	06	000066	3.348	1.504	0.498	1.066	55.800
	Mathematical Processes and Tools	06	000066	3.379	1.605	0.548	1.079	56.316
Writing	COMPLETE SUBTEST	44	000073	21.164	5.650	0.799	2.533	61.559
	Appropriate Organization of Ideas	04	000073	2.644	1.072	0.363	0.856	66.100
	Correct and Effective Sentence Construction	08	000073	4.808	1.621	0.330	1.327	60.100
	Standard Usage and Appropriate Word Choice	10	000073	6.658	2.358	0.675	1.344	66.580
	Proofreading for Punctuation, Capitalization, and Spelling	10	000073	5.589	1.892	0.468	1.380	55.890

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 2011) Asian

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	000126	24.389	7.655	0.881	2.641	64.181
	Basic Understanding	10	000126	6.690	2.257	0.644	1.347	66.900
	Applying Knowledge of Literary Elements	08	000126	5.032	2.090	0.669	1.202	62.900
	Using Strategies to Analyze	08	000126	4.746	2.067	0.658	1.209	59.325
	Applying Critical-Thinking Skills	12	000126	7.921	2.643	0.692	1.467	66.008
Mathematics	COMPLETE SUBTEST	38	000116	22.672	6.788	0.835	2.757	59.663
	Numbers, Operations, and Quantitative Reasoning	08	000116	5.138	1.978	0.621	1.218	64.225
	Patterns, Relationships, and Algebraic Reasoning	08	000116	4.526	1.777	0.463	1.302	56.575
	Geometry and Spatial Reasoning	06	000116	3.560	1.446	0.398	1.122	59.333
	Concepts and Uses of Measurement	04	000116	2.621	1.177	0.474	0.854	65.525
	Probability and Statistics	06	000116	3.336	1.298	0.276	1.104	55.600
	Mathematical Processes and Tools	06	000116	3.491	1.518	0.500	1.073	58.183
Writing	COMPLETE SUBTEST	44	000126	23.032	6.799	0.876	2.394	67.362
	Appropriate Organization of Ideas	04	000126	2.603	1.059	0.335	0.864	65.075
	Correct and Effective Sentence Construction	08	000126	4.960	2.025	0.629	1.233	62.000
	Standard Usage and Appropriate Word Choice	10	000126	7.278	2.328	0.716	1.241	72.780
	Proofreading for Punctuation, Capitalization, and Spelling	10	000126	6.714	2.294	0.674	1.310	67.140

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 2011) Black or African American

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	002964	24.960	7.759	0.885	2.631	65.684
	Basic Understanding	10	002964	6.662	2.261	0.639	1.358	66.620
	Applying Knowledge of Literary Elements	08	002964	5.263	2.012	0.651	1.189	65.787
	Using Strategies to Analyze	08	002964	5.009	2.025	0.637	1.220	62.612
	Applying Critical-Thinking Skills	12	002964	8.025	2.710	0.705	1.472	66.875
Mathematics	COMPLETE SUBTEST	38	003230	21.337	6.258	0.793	2.847	56.150
	Numbers, Operations, and Quantitative Reasoning	08	003230	4.789	1.731	0.432	1.305	59.862
	Patterns, Relationships, and Algebraic Reasoning	08	003230	4.262	1.681	0.378	1.326	53.275
	Geometry and Spatial Reasoning	06	003230	3.073	1.522	0.429	1.150	51.216
	Concepts and Uses of Measurement	04	003230	2.417	1.177	0.427	0.891	60.425
	Probability and Statistics	06	003230	3.273	1.415	0.393	1.102	54.550
	Mathematical Processes and Tools	06	003230	3.524	1.465	0.412	1.123	58.733
Writing	COMPLETE SUBTEST	44	003082	21.203	6.217	0.833	2.541	61.312
	Appropriate Organization of Ideas	04	003082	2.567	1.073	0.322	0.884	64.175
	Correct and Effective Sentence Construction	08	003082	4.577	1.963	0.570	1.287	57.212
	Standard Usage and Appropriate Word Choice	10	003082	6.640	2.185	0.612	1.361	66.400
	Proofreading for Punctuation, Capitalization, and Spelling	10	003082	5.836	2.208	0.602	1.393	58.360

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 2011) Native Hawaiian/Pacific Islander

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	000012	26.083	5.744	0.800	2.569	68.639
	Basic Understanding	10	000012	6.833	1.642	0.327	1.347	68.330
	Applying Knowledge of Literary Elements	08	000012	6.167	1.404	0.386	1.100	77.087
	Using Strategies to Analyze	08	000012	5.333	2.060	0.724	1.082	66.662
	Applying Critical-Thinking Skills	12	000012	7.750	2.137	0.489	1.528	64.583
Mathematics	COMPLETE SUBTEST	38	000012	21.500	4.602	0.638	2.769	56.578
	Numbers, Operations, and Quantitative Reasoning	08	000012	5.000	1.477	0.313	1.224	62.500
	Patterns, Relationships, and Algebraic Reasoning	08	000012	3.917	1.505	0.249	1.304	48.962
	Geometry and Spatial Reasoning	06	000012	2.917	1.677	0.569	1.101	48.616
	Concepts and Uses of Measurement	04	000012	2.417	1.084	0.441	0.810	60.425
	Probability and Statistics	06	000012	3.583	1.564	0.631	0.950	59.716
	Mathematical Processes and Tools	06	000012	3.667	1.557	0.582	1.007	61.116
Writing	COMPLETE SUBTEST	44	000011	24.364	7.089	0.903	2.208	71.021
	Appropriate Organization of Ideas	04	000011	3.182	0.874	0.237	0.763	79.550
	Correct and Effective Sentence Construction	08	000011	5.273	2.284	0.770	1.095	65.912
	Standard Usage and Appropriate Word Choice	10	000011	7.636	2.158	0.717	1.148	76.360
	Proofreading for Punctuation, Capitalization, and Spelling	10	000011	6.636	2.378	0.718	1.263	66.360

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 2011) White

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	003197	26.358	7.437	0.881	2.565	69.363
	Basic Understanding	10	003197	6.895	2.223	0.641	1.332	68.950
	Applying Knowledge of Literary Elements	08	003197	5.697	1.920	0.648	1.139	71.212
	Using Strategies to Analyze	08	003197	5.392	1.959	0.630	1.192	67.400
	Applying Critical-Thinking Skills	12	003197	8.374	2.565	0.682	1.446	69.783
Mathematics	COMPLETE SUBTEST	38	003578	22.520	6.368	0.805	2.812	59.263
	Numbers, Operations, and Quantitative Reasoning	08	003578	4.898	1.746	0.453	1.291	61.225
	Patterns, Relationships, and Algebraic Reasoning	08	003578	4.478	1.664	0.366	1.325	55.975
	Geometry and Spatial Reasoning	06	003578	3.369	1.520	0.448	1.129	56.150
	Concepts and Uses of Measurement	04	003578	2.532	1.196	0.476	0.866	63.300
	Probability and Statistics	06	003578	3.441	1.399	0.398	1.085	57.350
	Mathematical Processes and Tools	06	003578	3.802	1.463	0.442	1.093	63.366
Writing	COMPLETE SUBTEST	44	003521	22.046	6.225	0.841	2.482	64.062
	Appropriate Organization of Ideas	04	003521	2.701	1.055	0.354	0.848	67.525
	Correct and Effective Sentence Construction	08	003521	4.775	1.941	0.566	1.279	59.687
	Standard Usage and Appropriate Word Choice	10	003521	7.073	2.216	0.654	1.303	70.730
	Proofreading for Punctuation, Capitalization, and Spelling	10	003521	5.951	2.212	0.610	1.381	59.510

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 2011) Two or More Races

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	000147	25.762	7.106	0.865	2.611	67.794
	Basic Understanding	10	000147	6.810	2.130	0.595	1.356	68.100
	Applying Knowledge of Literary Elements	08	000147	5.558	1.832	0.598	1.162	69.475
	Using Strategies to Analyze	08	000147	5.204	1.989	0.632	1.207	65.050
	Applying Critical-Thinking Skills	12	000147	8.190	2.402	0.617	1.487	68.250
Mathematics	COMPLETE SUBTEST	38	000179	21.989	6.101	0.786	2.822	57.865
	Numbers, Operations, and Quantitative Reasoning	08	000179	4.849	1.516	0.241	1.321	60.612
	Patterns, Relationships, and Algebraic Reasoning	08	000179	4.335	1.686	0.388	1.319	54.187
	Geometry and Spatial Reasoning	06	000179	3.251	1.603	0.527	1.102	54.183
	Concepts and Uses of Measurement	04	000179	2.447	1.152	0.400	0.892	61.175
	Probability and Statistics	06	000179	3.385	1.371	0.376	1.083	56.416
	Mathematical Processes and Tools	06	000179	3.721	1.461	0.424	1.109	62.016
Writing	COMPLETE SUBTEST	44	000161	21.795	5.881	0.818	2.509	62.928
	Appropriate Organization of Ideas	04	000161	2.652	1.074	0.397	0.834	66.300
	Correct and Effective Sentence Construction	08	000161	4.640	1.780	0.449	1.321	58.000
	Standard Usage and Appropriate Word Choice	10	000161	6.981	2.218	0.652	1.308	69.810
	Proofreading for Punctuation, Capitalization, and Spelling	10	000161	5.863	2.129	0.579	1.381	58.630

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 2011) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	012806	27.858	6.977	0.878	2.437	73.310
	Basic Understanding	10	012806	7.518	2.051	0.637	1.236	75.180
	Applying Knowledge of Literary Elements	08	012806	6.090	1.746	0.642	1.045	76.125
	Using Strategies to Analyze	08	012806	5.777	1.858	0.629	1.132	72.212
	Applying Critical-Thinking Skills	12	012806	8.473	2.535	0.689	1.414	70.608
Mathematics	COMPLETE SUBTEST	40	014406	22.238	6.260	0.778	2.950	55.595
	Numbers, Operations, and Quantitative Reasoning	08	014406	4.092	1.616	0.295	1.357	51.150
	Patterns, Relationships, and Algebraic Reasoning	08	014406	4.271	1.741	0.428	1.317	53.387
	Geometry and Spatial Reasoning	06	014406	3.418	1.481	0.422	1.126	56.966
	Concepts and Uses of Measurement	04	014406	2.299	1.085	0.281	0.920	57.475
	Probability and Statistics	06	014406	3.867	1.408	0.382	1.107	64.450
	Mathematical Processes and Tools	08	014406	4.291	1.714	0.394	1.334	53.637
Social Studies	COMPLETE SUBTEST	38	012711	24.950	6.217	0.810	2.710	65.657
	Issues and Events in U.S. History	10	012711	6.737	2.006	0.515	1.397	67.370
	Geographic Influences on History	05	012711	3.500	1.164	0.354	0.936	70.000
	Economic and Social Influences on History	07	012711	4.573	1.628	0.502	1.149	65.328
	Political Influences on History	10	012711	6.130	2.054	0.509	1.439	61.300
	Critical-Thinking Skills	06	012711	4.009	1.441	0.476	1.043	66.816
Science	COMPLETE SUBTEST	40	013613	25.236	5.892	0.765	2.856	63.090
	Nature of Science	11	013613	6.800	2.170	0.522	1.500	61.818
	Life Systems and the Environment	10	013613	6.883	1.815	0.450	1.346	68.830
	Structures and Properties of Matter	05	013613	2.931	1.187	0.189	1.069	58.620
	Motion, Forces, and Energy	05	013613	3.333	1.195	0.301	0.999	66.660
	Earth and Space Systems	09	013613	5.289	1.875	0.452	1.388	58.766

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

3 Multiple-choice and gridded items only

Grade 08 TAKS-M (Spring 2011) Female

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	004210	28.275	6.540	0.864	2.412	74.407
	Basic Understanding	10	004210	7.681	1.941	0.607	1.217	76.810
	Applying Knowledge of Literary Elements	08	004210	6.264	1.640	0.614	1.019	78.300
	Using Strategies to Analyze	08	004210	5.763	1.788	0.590	1.145	72.037
	Applying Critical-Thinking Skills	12	004210	8.567	2.416	0.661	1.407	71.391
Mathematics	COMPLETE SUBTEST	40	005203	22.109	6.011	0.759	2.951	55.272
	Numbers, Operations, and Quantitative Reasoning	08	005203	4.069	1.563	0.243	1.360	50.862
	Patterns, Relationships, and Algebraic Reasoning	08	005203	4.290	1.744	0.439	1.306	53.625
	Geometry and Spatial Reasoning	06	005203	3.319	1.466	0.414	1.122	55.316
	Concepts and Uses of Measurement	04	005203	2.316	1.081	0.286	0.913	57.900
	Probability and Statistics	06	005203	3.922	1.358	0.331	1.111	65.366
	Mathematical Processes and Tools	08	005203	4.192	1.702	0.385	1.335	52.400
Social Studies	COMPLETE SUBTEST	38	004321	24.240	5.696	0.766	2.755	63.789
	Issues and Events in U.S. History	10	004321	6.579	1.901	0.436	1.428	65.790
	Geographic Influences on History	05	004321	3.324	1.126	0.261	0.968	66.480
	Economic and Social Influences on History	07	004321	4.381	1.566	0.448	1.163	62.585
	Political Influences on History	10	004321	6.046	1.983	0.464	1.452	60.460
	Critical-Thinking Skills	06	004321	3.908	1.399	0.430	1.056	65.133
Science	COMPLETE SUBTEST	40	004734	24.733	5.414	0.715	2.890	61.832
	Nature of Science	11	004734	6.620	2.094	0.475	1.517	60.181
	Life Systems and the Environment	10	004734	6.835	1.768	0.402	1.367	68.350
	Structures and Properties of Matter	05	004734	2.965	1.153	0.131	1.075	59.300
	Motion, Forces, and Energy	05	004734	3.232	1.170	0.240	1.020	64.640
	Earth and Space Systems	09	004734	5.081	1.781	0.380	1.402	56.455

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

3 Multiple-choice and gridded items only

Grade 08 TAKS-M (Spring 2011) Male

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	008573	27.661	7.170	0.884	2.442	72.792
	Basic Understanding	10	008573	7.440	2.097	0.648	1.244	74.400
	Applying Knowledge of Literary Elements	08	008573	6.007	1.789	0.651	1.057	75.087
	Using Strategies to Analyze	08	008573	5.785	1.891	0.647	1.124	72.312
	Applying Critical-Thinking Skills	12	008573	8.429	2.589	0.701	1.416	70.241
Mathematics	COMPLETE SUBTEST	40	009185	22.317	6.395	0.788	2.944	55.792
	Numbers, Operations, and Quantitative Reasoning	08	009185	4.106	1.645	0.322	1.355	51.325
	Patterns, Relationships, and Algebraic Reasoning	08	009185	4.261	1.740	0.424	1.321	53.262
	Geometry and Spatial Reasoning	06	009185	3.475	1.487	0.428	1.125	57.916
	Concepts and Uses of Measurement	04	009185	2.291	1.087	0.278	0.924	57.275
	Probability and Statistics	06	009185	3.836	1.435	0.407	1.105	63.933
	Mathematical Processes and Tools	08	009185	4.347	1.717	0.398	1.332	54.337
Social Studies	COMPLETE SUBTEST	38	008369	25.325	6.433	0.826	2.683	66.644
	Issues and Events in U.S. History	10	008369	6.821	2.053	0.549	1.379	68.210
	Geographic Influences on History	05	008369	3.591	1.173	0.391	0.915	71.820
	Economic and Social Influences on History	07	008369	4.674	1.649	0.524	1.138	66.771
	Political Influences on History	10	008369	6.176	2.086	0.529	1.432	61.760
	Critical-Thinking Skills	06	008369	4.063	1.459	0.496	1.036	67.716
Science	COMPLETE SUBTEST	40	008858	25.508	6.115	0.786	2.829	63.770
	Nature of Science	11	008858	6.898	2.205	0.545	1.487	62.709
	Life Systems and the Environment	10	008858	6.909	1.840	0.475	1.333	69.090
	Structures and Properties of Matter	05	008858	2.913	1.205	0.219	1.065	58.260
	Motion, Forces, and Energy	05	008858	3.388	1.205	0.329	0.987	67.760
	Earth and Space Systems	09	008858	5.400	1.913	0.482	1.377	60.000

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

3 Multiple-choice and gridded items only

Grade 08 TAKS-M (Spring 2011) Hispanic/Latino

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
Reading	COMPLETE SUBTEST	38	006458	27.512	6.992	0.876	2.462	72.400	
	Basic Understanding	10	006458	7.425	2.065	0.632	1.253	74.250	
	Applying Knowledge of Literary Elements	08	006458	6.014	1.750	0.633	1.060	75.175	
	Using Strategies to Analyze	08	006458	5.694	1.876	0.629	1.143	71.175	
	Applying Critical-Thinking Skills	12	006458	8.378	2.541	0.684	1.428	69.816	
Mathematics	COMPLETE SUBTEST	40	006908	22.145	6.122	0.766	2.961	55.362	
	Numbers, Operations, and Quantitative Reasoning	08	006908	4.096	1.589	0.268	1.360	51.200	
	Patterns, Relationships, and Algebraic Reasoning	08	006908	4.255	1.713	0.402	1.325	53.187	
	Geometry and Spatial Reasoning	06	006908	3.434	1.489	0.430	1.124	57.233	
	Concepts and Uses of Measurement	04	006908	2.275	1.070	0.249	0.927	56.875	
	Probability and Statistics	06	006908	3.779	1.395	0.354	1.121	62.983	
	Mathematical Processes and Tools	08	006908	4.305	1.699	0.382	1.336	53.812	
	Social Studies	COMPLETE SUBTEST	38	006537	24.543	6.212	0.806	2.736	64.586
		Issues and Events in U.S. History	10	006537	6.686	1.983	0.499	1.404	66.860
Geographic Influences on History		05	006537	3.476	1.176	0.368	0.935	69.520	
Economic and Social Influences on History		07	006537	4.441	1.657	0.504	1.167	63.442	
Political Influences on History		10	006537	6.008	2.066	0.510	1.446	60.080	
Critical-Thinking Skills		06	006537	3.931	1.454	0.477	1.052	65.516	
Science	COMPLETE SUBTEST	40	006926	24.851	5.866	0.760	2.874	62.127	
	Nature of Science	11	006926	6.681	2.150	0.506	1.511	60.736	
	Life Systems and the Environment	10	006926	6.769	1.839	0.455	1.358	67.690	
	Structures and Properties of Matter	05	006926	2.886	1.195	0.197	1.071	57.720	
	Motion, Forces, and Energy	05	006926	3.298	1.191	0.286	1.006	65.960	
	Earth and Space Systems	09	006926	5.215	1.880	0.449	1.396	57.944	

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3 Multiple-choice and gridded items only

Grade 08 TAKS-M (Spring 2011) Am. Indian or Alaskan Native

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	000063	29.349	6.634	0.880	2.298	77.234
	Basic Understanding	10	000063	8.143	1.917	0.672	1.098	81.430
	Applying Knowledge of Literary Elements	08	000063	6.222	1.746	0.654	1.027	77.775
	Using Strategies to Analyze	08	000063	6.000	1.884	0.676	1.072	75.000
	Applying Critical-Thinking Skills	12	000063	8.984	2.324	0.663	1.349	74.866
Mathematics	COMPLETE SUBTEST	40	000069	23.594	5.904	0.758	2.904	58.985
	Numbers, Operations, and Quantitative Reasoning	08	000069	4.087	1.550	0.255	1.338	51.087
	Patterns, Relationships, and Algebraic Reasoning	08	000069	4.710	1.655	0.400	1.282	58.875
	Geometry and Spatial Reasoning	06	000069	3.580	1.469	0.423	1.116	59.666
	Concepts and Uses of Measurement	04	000069	2.391	1.101	0.335	0.898	59.775
	Probability and Statistics	06	000069	4.072	1.287	0.270	1.100	67.866
	Mathematical Processes and Tools	08	000069	4.754	1.603	0.322	1.320	59.425
Social Studies	COMPLETE SUBTEST	38	000067	27.224	5.744	0.802	2.556	71.642
	Issues and Events in U.S. History	10	000067	7.507	1.787	0.496	1.269	75.070
	Geographic Influences on History	05	000067	3.627	1.179	0.427	0.892	72.540
	Economic and Social Influences on History	07	000067	4.955	1.429	0.365	1.139	70.785
	Political Influences on History	10	000067	6.716	2.152	0.618	1.330	67.160
	Critical-Thinking Skills	06	000067	4.418	1.245	0.369	0.989	73.633
Science	COMPLETE SUBTEST	40	000069	27.130	5.159	0.714	2.759	67.825
	Nature of Science	11	000069	7.855	1.841	0.413	1.410	71.409
	Life Systems and the Environment	10	000069	7.145	1.709	0.440	1.279	71.450
	Structures and Properties of Matter	05	000069	3.188	1.102	0.095	1.048	63.760
	Motion, Forces, and Energy	05	000069	3.522	1.145	0.311	0.950	70.440
	Earth and Space Systems	09	000069	5.420	1.882	0.459	1.384	60.222

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

3 Multiple-choice and gridded items only

Grade 08 TAKS-M (Spring 2011) Asian

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	000118	27.449	7.946	0.909	2.397	72.234
	Basic Understanding	10	000118	7.424	2.158	0.669	1.242	74.240
	Applying Knowledge of Literary Elements	08	000118	5.873	1.924	0.703	1.049	73.412
	Using Strategies to Analyze	08	000118	5.644	2.019	0.694	1.117	70.550
	Applying Critical-Thinking Skills	12	000118	8.508	2.754	0.749	1.380	70.900
Mathematics	COMPLETE SUBTEST	40	000119	22.538	6.360	0.790	2.915	56.345
	Numbers, Operations, and Quantitative Reasoning	08	000119	4.034	1.589	0.292	1.337	50.425
	Patterns, Relationships, and Algebraic Reasoning	08	000119	4.571	1.619	0.348	1.307	57.137
	Geometry and Spatial Reasoning	06	000119	3.370	1.460	0.420	1.112	56.166
	Concepts and Uses of Measurement	04	000119	2.462	1.040	0.232	0.911	61.550
	Probability and Statistics	06	000119	3.840	1.408	0.380	1.109	64.000
	Mathematical Processes and Tools	08	000119	4.261	1.829	0.479	1.320	53.262
Social Studies	COMPLETE SUBTEST	38	000112	25.545	6.394	0.829	2.644	67.223
	Issues and Events in U.S. History	10	000112	6.902	2.114	0.602	1.334	69.020
	Geographic Influences on History	05	000112	3.607	1.158	0.394	0.901	72.140
	Economic and Social Influences on History	07	000112	4.384	1.731	0.572	1.132	62.628
	Political Influences on History	10	000112	6.455	2.013	0.504	1.418	64.550
	Critical-Thinking Skills	06	000112	4.196	1.400	0.487	1.003	69.933
Science	COMPLETE SUBTEST	40	000124	25.516	6.072	0.786	2.809	63.790
	Nature of Science	11	000124	6.847	2.209	0.553	1.477	62.245
	Life Systems and the Environment	10	000124	7.073	1.726	0.421	1.313	70.730
	Structures and Properties of Matter	05	000124	3.048	1.154	0.148	1.065	60.960
	Motion, Forces, and Energy	05	000124	3.145	1.305	0.414	0.999	62.900
	Earth and Space Systems	09	000124	5.403	1.921	0.504	1.353	60.033

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3 Multiple-choice and gridded items only

Grade 08 TAKS-M (Spring 2011) Black or African American

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	002875	27.711	6.909	0.875	2.443	72.923
	Basic Understanding	10	002875	7.637	1.998	0.629	1.217	76.370
	Applying Knowledge of Literary Elements	08	002875	6.013	1.758	0.641	1.053	75.162
	Using Strategies to Analyze	08	002875	5.684	1.851	0.611	1.154	71.050
	Applying Critical-Thinking Skills	12	002875	8.377	2.519	0.680	1.425	69.808
Mathematics	COMPLETE SUBTEST	40	003316	21.438	6.148	0.767	2.968	53.595
	Numbers, Operations, and Quantitative Reasoning	08	003316	3.975	1.628	0.310	1.352	49.687
	Patterns, Relationships, and Algebraic Reasoning	08	003316	4.118	1.727	0.413	1.323	51.475
	Geometry and Spatial Reasoning	06	003316	3.198	1.441	0.361	1.152	53.300
	Concepts and Uses of Measurement	04	003316	2.177	1.082	0.260	0.931	54.425
	Probability and Statistics	06	003316	3.856	1.425	0.402	1.102	64.266
	Mathematical Processes and Tools	08	003316	4.114	1.692	0.370	1.343	51.425
	COMPLETE SUBTEST	38	002842	24.688	6.094	0.801	2.718	64.968
Social Studies	Issues and Events in U.S. History	10	002842	6.593	2.027	0.515	1.412	65.930
	Geographic Influences on History	05	002842	3.393	1.141	0.305	0.951	67.860
	Economic and Social Influences on History	07	002842	4.575	1.582	0.499	1.120	65.357
	Political Influences on History	10	002842	6.176	2.009	0.486	1.440	61.760
	Critical-Thinking Skills	06	002842	3.951	1.406	0.433	1.059	65.850
Science	COMPLETE SUBTEST	40	003023	24.615	5.771	0.750	2.885	61.537
	Nature of Science	11	003023	6.618	2.169	0.510	1.518	60.163
	Life Systems and the Environment	10	003023	6.792	1.822	0.435	1.370	67.920
	Structures and Properties of Matter	05	003023	2.915	1.179	0.168	1.075	58.300
	Motion, Forces, and Energy	05	003023	3.287	1.187	0.277	1.009	65.740
Earth and Space Systems	09	003023	5.004	1.810	0.395	1.408	55.600	

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3 Multiple-choice and gridded items only

Grade 08 TAKS-M (Spring 2011) Native Hawaiian/Pacific Islander

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	000012	26.333	8.968	0.936	2.269	69.297
	Basic Understanding	10	000012	7.500	2.355	0.769	1.132	75.000
	Applying Knowledge of Literary Elements	08	000012	6.250	1.815	0.731	0.941	78.125
	Using Strategies to Analyze	08	000012	4.583	2.429	0.797	1.094	57.287
	Applying Critical-Thinking Skills	12	000012	8.000	3.075	0.809	1.344	66.666
Mathematics	COMPLETE SUBTEST	40	000016	23.188	7.450	0.867	2.717	57.970
	Numbers, Operations, and Quantitative Reasoning	08	000016	4.188	1.601	0.375	1.266	52.350
	Patterns, Relationships, and Algebraic Reasoning	08	000016	4.313	2.024	0.665	1.171	53.912
	Geometry and Spatial Reasoning	06	000016	3.688	1.740	0.660	1.015	61.466
	Concepts and Uses of Measurement	04	000016	2.688	1.195	0.608	0.748	67.200
	Probability and Statistics	06	000016	4.250	1.126	0.127	1.052	70.833
	Mathematical Processes and Tools	08	000016	4.063	1.806	0.477	1.306	50.787
	COMPLETE SUBTEST	38	000012	22.917	5.712	0.782	2.667	60.307
Social Studies	Issues and Events in U.S. History	10	000012	6.500	1.732	0.334	1.413	65.000
	Geographic Influences on History	05	000012	3.083	1.164	0.385	0.913	61.660
	Economic and Social Influences on History	07	000012	3.917	1.975	0.683	1.112	55.957
	Political Influences on History	10	000012	5.083	1.929	0.499	1.365	50.830
	Critical-Thinking Skills	06	000012	4.333	1.557	0.663	0.904	72.216
Science	COMPLETE SUBTEST	40	000014	25.357	5.773	0.770	2.769	63.392
	Nature of Science	11	000014	6.857	2.349	0.626	1.437	62.336
	Life Systems and the Environment	10	000014	6.857	1.834	0.461	1.346	68.570
	Structures and Properties of Matter	05	000014	3.071	1.492	0.610	0.932	61.420
	Motion, Forces, and Energy	05	000014	2.857	1.351	0.488	0.967	57.140
	Earth and Space Systems	09	000014	5.714	1.326	0.028	1.307	63.488

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

3 Multiple-choice and gridded items only

Grade 08 TAKS-M (Spring 2011) White

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	003103	28.703	6.882	0.882	2.364	75.534
	Basic Understanding	10	003103	7.596	2.051	0.649	1.215	75.960
	Applying Knowledge of Literary Elements	08	003103	6.325	1.702	0.654	1.001	79.062
	Using Strategies to Analyze	08	003103	6.033	1.794	0.633	1.087	75.412
	Applying Critical-Thinking Skills	12	003103	8.749	2.501	0.698	1.374	72.908
Mathematics	COMPLETE SUBTEST	40	003782	23.067	6.497	0.799	2.913	57.667
	Numbers, Operations, and Quantitative Reasoning	08	003782	4.195	1.646	0.324	1.353	52.437
	Patterns, Relationships, and Algebraic Reasoning	08	003782	4.417	1.795	0.477	1.298	55.212
	Geometry and Spatial Reasoning	06	003782	3.578	1.481	0.443	1.105	59.633
	Concepts and Uses of Measurement	04	003782	2.437	1.102	0.330	0.902	60.925
	Probability and Statistics	06	003782	4.026	1.407	0.409	1.082	67.100
	Mathematical Processes and Tools	08	003782	4.414	1.744	0.427	1.320	55.175
Social Studies	COMPLETE SUBTEST	38	002970	26.026	6.203	0.817	2.654	68.489
	Issues and Events in U.S. History	10	002970	6.966	2.012	0.541	1.363	69.660
	Geographic Influences on History	05	002970	3.646	1.144	0.358	0.917	72.920
	Economic and Social Influences on History	07	002970	4.864	1.562	0.485	1.121	69.485
	Political Influences on History	10	002970	6.335	2.041	0.515	1.421	63.350
	Critical-Thinking Skills	06	002970	4.215	1.435	0.504	1.011	70.250
Science	COMPLETE SUBTEST	40	003269	26.580	5.856	0.775	2.778	66.450
	Nature of Science	11	003269	7.183	2.173	0.552	1.454	65.300
	Life Systems and the Environment	10	003269	7.204	1.725	0.436	1.295	72.040
	Structures and Properties of Matter	05	003269	3.036	1.176	0.195	1.055	60.720
	Motion, Forces, and Energy	05	003269	3.454	1.194	0.336	0.973	69.080
	Earth and Space Systems	09	003269	5.703	1.852	0.468	1.351	63.366

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 2011) Two or More Races

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	38	000150	28.173	7.190	0.890	2.385	74.139
	Basic Understanding	10	000150	7.553	2.141	0.678	1.215	75.530
	Applying Knowledge of Literary Elements	08	000150	6.127	1.704	0.626	1.042	76.587
	Using Strategies to Analyze	08	000150	5.993	1.782	0.622	1.096	74.912
	Applying Critical-Thinking Skills	12	000150	8.500	2.662	0.729	1.386	70.833
Mathematics	COMPLETE SUBTEST	40	000173	22.723	6.159	0.775	2.921	56.807
	Numbers, Operations, and Quantitative Reasoning	08	000173	4.069	1.644	0.329	1.347	50.862
	Patterns, Relationships, and Algebraic Reasoning	08	000173	4.353	1.761	0.448	1.308	54.412
	Geometry and Spatial Reasoning	06	000173	3.503	1.477	0.442	1.103	58.383
	Concepts and Uses of Measurement	04	000173	2.451	1.053	0.248	0.913	61.275
	Probability and Statistics	06	000173	4.046	1.359	0.371	1.078	67.433
	Mathematical Processes and Tools	08	000173	4.301	1.726	0.407	1.329	53.762
Social Studies	COMPLETE SUBTEST	38	000145	25.531	6.119	0.809	2.674	67.186
	Issues and Events in U.S. History	10	000145	6.855	1.969	0.512	1.375	68.550
	Geographic Influences on History	05	000145	3.628	1.166	0.402	0.902	72.560
	Economic and Social Influences on History	07	000145	4.703	1.542	0.441	1.153	67.185
	Political Influences on History	10	000145	6.186	2.151	0.567	1.415	61.860
	Critical-Thinking Skills	06	000145	4.159	1.289	0.340	1.047	69.316
Science	COMPLETE SUBTEST	40	000161	25.528	5.837	0.766	2.824	63.820
	Nature of Science	11	000161	7.099	2.098	0.513	1.464	64.536
	Life Systems and the Environment	10	000161	6.826	1.819	0.462	1.334	68.260
	Structures and Properties of Matter	05	000161	2.907	1.100	0.018	1.090	58.140
	Motion, Forces, and Energy	05	000161	3.360	1.238	0.363	0.988	67.200
	Earth and Space Systems	09	000161	5.335	1.923	0.496	1.365	59.277

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 2011) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	012834	23.721	5.958	0.894	1.940	79.070
	Basic Understanding	08	012834	6.429	1.787	0.705	0.971	80.362
	Literary Elements and Techniques	11	012834	8.542	2.424	0.752	1.207	77.654
	Analysis and Evaluation	11	012834	8.750	2.327	0.745	1.175	79.545
Mathematics	COMPLETE SUBTEST	42	015171	22.147	6.112	0.756	3.019	52.730
	Functional Relationships	05	015171	2.535	1.157	0.185	1.045	50.700
	Properties and Attributes of Functions	04	015171	2.252	1.103	0.272	0.941	56.300
	Linear Functions	04	015171	2.013	1.061	0.167	0.968	50.325
	Linear Equations and Inequalities	04	015171	1.764	1.012	0.099	0.961	44.100
	Quadratic and Other Nonlinear Functions	03	015171	1.682	0.930	0.278	0.790	56.066
	Geometric Relationships and Spatial Reasoning	03	015171	1.747	0.950	0.289	0.801	58.233
	Two- and Three-Dimensional Representations	03	015171	1.752	0.865	0.168	0.789	58.400
	Measurement and Similarity	05	015171	2.843	1.206	0.285	1.020	56.860
	Percents/Proportions/Probability/Statistics	04	015171	2.436	1.131	0.408	0.870	60.900
	Mathematical Processes and Tools	07	015171	3.123	1.431	0.226	1.259	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 2011) Female

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	003981	24.200	5.592	0.885	1.896	80.666
	Basic Understanding	08	003981	6.565	1.699	0.693	0.941	82.062
	Literary Elements and Techniques	11	003981	8.734	2.259	0.725	1.185	79.400
	Analysis and Evaluation	11	003981	8.901	2.210	0.729	1.150	80.918
Mathematics	COMPLETE SUBTEST	42	005067	22.352	5.896	0.738	3.018	53.219
	Functional Relationships	05	005067	2.534	1.139	0.172	1.036	50.680
	Properties and Attributes of Functions	04	005067	2.347	1.086	0.267	0.930	58.675
	Linear Functions	04	005067	2.026	1.031	0.108	0.974	50.650
	Linear Equations and Inequalities	04	005067	1.792	0.995	0.058	0.966	44.800
	Quadratic and Other Nonlinear Functions	03	005067	1.750	0.938	0.304	0.783	58.333
	Geometric Relationships and Spatial Reasoning	03	005067	1.737	0.939	0.255	0.810	57.900
	Two- and Three-Dimensional Representations	03	005067	1.765	0.846	0.111	0.798	58.833
	Measurement and Similarity	05	005067	2.880	1.202	0.285	1.016	57.600
	Percents/Proportions/Probability/Statistics	04	005067	2.391	1.104	0.387	0.864	59.775
	Mathematical Processes and Tools	07	005067	3.128	1.432	0.228	1.258	44.685

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 2011) Male

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	008840	23.506	6.101	0.897	1.958	78.353
	Basic Understanding	08	008840	6.368	1.822	0.709	0.983	79.600
	Literary Elements and Techniques	11	008840	8.456	2.489	0.761	1.217	76.872
	Analysis and Evaluation	11	008840	8.682	2.374	0.751	1.185	78.927
Mathematics	COMPLETE SUBTEST	42	010084	22.048	6.214	0.764	3.019	52.495
	Functional Relationships	05	010084	2.536	1.166	0.193	1.047	50.720
	Properties and Attributes of Functions	04	010084	2.205	1.108	0.273	0.945	55.125
	Linear Functions	04	010084	2.007	1.077	0.197	0.965	50.175
	Linear Equations and Inequalities	04	010084	1.750	1.020	0.120	0.957	43.750
	Quadratic and Other Nonlinear Functions	03	010084	1.647	0.923	0.264	0.792	54.900
	Geometric Relationships and Spatial Reasoning	03	010084	1.752	0.956	0.305	0.797	58.400
	Two- and Three-Dimensional Representations	03	010084	1.745	0.875	0.196	0.785	58.166
	Measurement and Similarity	05	010084	2.825	1.207	0.283	1.022	56.500
	Percents/Proportions/Probability/Statistics	04	010084	2.459	1.145	0.422	0.871	61.475
	Mathematical Processes and Tools	07	010084	3.122	1.430	0.227	1.257	44.600

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 09 TAKS-M (Spring 2011) Hispanic/Latino

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	006416	23.161	6.096	0.892	2.003	77.203
	Basic Understanding	08	006416	6.288	1.832	0.701	1.002	78.600
	Literary Elements and Techniques	11	006416	8.335	2.484	0.749	1.244	75.772
	Analysis and Evaluation	11	006416	8.538	2.392	0.741	1.217	77.618
Mathematics	COMPLETE SUBTEST	42	007278	21.950	6.056	0.750	3.028	52.261
	Functional Relationships	05	007278	2.521	1.162	0.187	1.048	50.420
	Properties and Attributes of Functions	04	007278	2.237	1.094	0.255	0.944	55.925
	Linear Functions	04	007278	1.991	1.057	0.166	0.965	49.775
	Linear Equations and Inequalities	04	007278	1.749	1.023	0.129	0.955	43.725
	Quadratic and Other Nonlinear Functions	03	007278	1.668	0.932	0.295	0.783	55.600
	Geometric Relationships and Spatial Reasoning	03	007278	1.766	0.954	0.303	0.796	58.866
	Two- and Three-Dimensional Representations	03	007278	1.711	0.861	0.146	0.796	57.033
	Measurement and Similarity	05	007278	2.811	1.207	0.282	1.023	56.220
	Percents/Proportions/Probability/Statistics	04	007278	2.402	1.142	0.417	0.872	60.050
	Mathematical Processes and Tools	07	007278	3.094	1.422	0.211	1.263	44.200

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

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

3 Multiple-choice and gridded items only

Grade 09 TAKS-M (Spring 2011) Am. Indian or Alaskan Native

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	000058	24.897	5.264	0.884	1.793	82.990
	Basic Understanding	08	000058	6.517	1.993	0.807	0.876	81.462
	Literary Elements and Techniques	11	000058	8.966	2.052	0.686	1.150	81.509
	Analysis and Evaluation	11	000058	9.414	1.738	0.638	1.046	85.581
Mathematics	COMPLETE SUBTEST	42	000082	23.317	6.116	0.763	2.977	55.516
	Functional Relationships	05	000082	2.598	1.121	0.166	1.024	51.960
	Properties and Attributes of Functions	04	000082	2.317	1.132	0.348	0.914	57.925
	Linear Functions	04	000082	2.354	1.082	0.252	0.936	58.850
	Linear Equations and Inequalities	04	000082	1.939	0.998	0.055	0.970	48.475
	Quadratic and Other Nonlinear Functions	03	000082	1.768	0.836	0.009	0.832	58.933
	Geometric Relationships and Spatial Reasoning	03	000082	1.866	0.926	0.268	0.792	62.200
	Two- and Three-Dimensional Representations	03	000082	1.939	0.807	0.021	0.798	64.633
	Measurement and Similarity	05	000082	2.939	1.190	0.300	0.996	58.780
	Percents/Proportions/Probability/Statistics	04	000082	2.622	1.129	0.438	0.846	65.550
	Mathematical Processes and Tools	07	000082	2.976	1.515	0.339	1.232	42.514

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 2011) Asian

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	000085	22.894	6.760	0.916	1.959	76.313
	Basic Understanding	08	000085	6.400	1.781	0.700	0.975	80.000
	Literary Elements and Techniques	11	000085	8.106	2.903	0.831	1.193	73.690
	Analysis and Evaluation	11	000085	8.388	2.550	0.771	1.220	76.254
Mathematics	COMPLETE SUBTEST	42	000093	23.258	7.403	0.842	2.943	55.376
	Functional Relationships	05	000093	2.677	1.162	0.183	1.050	53.540
	Properties and Attributes of Functions	04	000093	2.280	1.155	0.372	0.915	57.000
	Linear Functions	04	000093	2.108	1.058	0.189	0.953	52.700
	Linear Equations and Inequalities	04	000093	1.882	1.041	0.169	0.949	47.050
	Quadratic and Other Nonlinear Functions	03	000093	1.849	0.955	0.380	0.752	61.633
	Geometric Relationships and Spatial Reasoning	03	000093	1.849	0.920	0.253	0.795	61.633
	Two- and Three-Dimensional Representations	03	000093	1.903	0.885	0.241	0.771	63.433
	Measurement and Similarity	05	000093	2.946	1.272	0.390	0.993	58.920
	Percents/Proportions/Probability/Statistics	04	000093	2.366	1.232	0.524	0.850	59.150
	Mathematical Processes and Tools	07	000093	3.398	1.575	0.386	1.234	48.542

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 09 TAKS-M (Spring 2011) Black or African American

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	003065	23.809	5.917	0.893	1.936	79.363
	Basic Understanding	08	003065	6.455	1.793	0.714	0.959	80.687
	Literary Elements and Techniques	11	003065	8.596	2.378	0.744	1.203	78.145
	Analysis and Evaluation	11	003065	8.759	2.315	0.743	1.174	79.627
Mathematics	COMPLETE SUBTEST	42	003536	21.418	5.922	0.736	3.043	50.995
	Functional Relationships	05	003536	2.478	1.158	0.177	1.051	49.560
	Properties and Attributes of Functions	04	003536	2.194	1.106	0.266	0.948	54.850
	Linear Functions	04	003536	1.942	1.053	0.137	0.978	48.550
	Linear Equations and Inequalities	04	003536	1.722	0.995	0.061	0.964	43.050
	Quadratic and Other Nonlinear Functions	03	003536	1.685	0.920	0.237	0.804	56.166
	Geometric Relationships and Spatial Reasoning	03	003536	1.590	0.949	0.258	0.817	53.000
	Two- and Three-Dimensional Representations	03	003536	1.730	0.876	0.201	0.783	57.666
	Measurement and Similarity	05	003536	2.740	1.203	0.266	1.031	54.800
	Percents/Proportions/Probability/Statistics	04	003536	2.315	1.123	0.384	0.881	57.875
	Mathematical Processes and Tools	07	003536	3.022	1.377	0.156	1.265	43.171

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 2011) Native Hawaiian/Pacific Islander

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	000011	23.909	5.449	0.876	1.919	79.696
	Basic Understanding	08	000011	6.636	1.567	0.658	0.916	82.950
	Literary Elements and Techniques	11	000011	8.545	2.018	0.614	1.254	77.681
	Analysis and Evaluation	11	000011	8.727	2.370	0.764	1.151	79.336
Mathematics	COMPLETE SUBTEST	42	000014	22.571	5.003	0.651	2.956	53.740
	Functional Relationships	05	000014	2.286	1.205	0.336	0.982	45.720
	Properties and Attributes of Functions	04	000014	3.000	0.680	*****	*****	75.000
	Linear Functions	04	000014	2.286	0.825	*****	*****	57.150
	Linear Equations and Inequalities	04	000014	1.429	0.647	*****	*****	35.725
	Quadratic and Other Nonlinear Functions	03	000014	1.643	1.216	0.769	0.584	54.766
	Geometric Relationships and Spatial Reasoning	03	000014	1.643	1.008	0.408	0.776	54.766
	Two- and Three-Dimensional Representations	03	000014	1.786	0.699	*****	*****	59.533
	Measurement and Similarity	05	000014	2.714	0.994	*****	*****	54.280
	Percents/Proportions/Probability/Statistics	04	000014	2.643	1.336	0.697	0.735	66.075
Mathematical Processes and Tools	07	000014	3.143	1.167	*****	*****	44.900	

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 2011) White

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	003027	24.775	5.519	0.892	1.814	82.583
	Basic Understanding	08	003027	6.688	1.648	0.694	0.912	83.600
	Literary Elements and Techniques	11	003027	8.918	2.274	0.751	1.135	81.072
	Analysis and Evaluation	11	003027	9.169	2.135	0.741	1.087	83.354
Mathematics	COMPLETE SUBTEST	42	003955	23.068	6.250	0.771	2.991	54.923
	Functional Relationships	05	003955	2.601	1.145	0.183	1.035	52.020
	Properties and Attributes of Functions	04	003955	2.326	1.110	0.301	0.928	58.150
	Linear Functions	04	003955	2.104	1.070	0.190	0.963	52.600
	Linear Equations and Inequalities	04	003955	1.823	1.007	0.076	0.968	45.575
	Quadratic and Other Nonlinear Functions	03	003955	1.695	0.930	0.276	0.791	56.500
	Geometric Relationships and Spatial Reasoning	03	003955	1.845	0.931	0.274	0.793	61.500
	Two- and Three-Dimensional Representations	03	003955	1.830	0.860	0.172	0.783	61.000
	Measurement and Similarity	05	003955	2.984	1.192	0.285	1.008	59.680
	Percents/Proportions/Probability/Statistics	04	003955	2.599	1.099	0.392	0.857	64.975
	Mathematical Processes and Tools	07	003955	3.261	1.484	0.299	1.242	46.585

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 2011) Two or More Races

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value
Reading	COMPLETE SUBTEST	30	000142	25.049	5.487	0.896	1.770	83.496
	Basic Understanding	08	000142	6.866	1.435	0.618	0.887	85.825
	Literary Elements and Techniques	11	000142	9.021	2.335	0.779	1.098	82.009
	Analysis and Evaluation	11	000142	9.162	2.233	0.771	1.069	83.290
Mathematics	COMPLETE SUBTEST	42	000184	23.027	5.989	0.752	2.982	54.826
	Functional Relationships	05	000184	2.663	1.124	0.187	1.013	53.260
	Properties and Attributes of Functions	04	000184	2.315	1.145	0.354	0.920	57.875
	Linear Functions	04	000184	2.065	1.100	0.250	0.953	51.625
	Linear Equations and Inequalities	04	000184	1.837	0.967	*****	*****	45.925
	Quadratic and Other Nonlinear Functions	03	000184	1.755	0.992	0.450	0.736	58.500
	Geometric Relationships and Spatial Reasoning	03	000184	1.826	0.913	0.227	0.803	60.866
	Two- and Three-Dimensional Representations	03	000184	1.880	0.821	0.080	0.787	62.666
	Measurement and Similarity	05	000184	2.924	1.243	0.386	0.974	58.480
	Percents/Proportions/Probability/Statistics	04	000184	2.549	1.085	0.359	0.869	63.725
	Mathematical Processes and Tools	07	000184	3.212	1.377	0.174	1.251	45.885

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 2011) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	010265	27.651	7.185	0.851	2.773	72.608	
	Basic Understanding	07	010265	5.272	1.565	0.343	1.269	75.314	
	Literary Elements and Techniques	07	010265	5.051	1.725	0.524	1.190	72.157	
	Analysis and Evaluation	08	010265	6.488	1.729	0.456	1.275	81.100	
	Revising and Editing	14	010265	9.327	3.092	0.692	1.716	66.621	
Mathematics	COMPLETE SUBTEST	45	012808	23.665	6.714	0.778	3.163	52.588	
	Functional Relationships	04	012808	2.124	1.076	0.219	0.951	53.100	
	Properties and Attributes of Functions	04	012808	1.925	1.089	0.255	0.940	48.125	
	Linear Functions	04	012808	1.964	1.078	0.209	0.959	49.100	
	Linear Equations and Inequalities	04	012808	1.809	1.087	0.226	0.956	45.225	
	Quadratic and Other Nonlinear Functions	04	012808	2.419	1.066	0.258	0.918	60.475	
	Geometric Relationships and Spatial Reasoning	04	012808	2.106	1.082	0.224	0.953	52.650	
	Two- and Three-Dimensional Representations	04	012808	2.465	1.126	0.367	0.896	61.625	
	Measurement and Similarity	06	012808	3.037	1.430	0.337	1.164	50.616	
	Percents/Proportions/Probability/Statistics	04	012808	2.373	1.053	0.267	0.902	59.325	
	Mathematical Processes and Tools	07	012808	3.443	1.561	0.337	1.271	49.185	
	Social Studies	COMPLETE SUBTEST	40	009119	24.827	7.045	0.839	2.827	62.067
		Issues and Events in U.S. History	05	009119	2.866	1.259	0.289	1.062	57.320
Geographic Influences on History		10	009119	6.489	2.203	0.609	1.378	64.890	
Economic and Social Influences on History		06	009119	4.090	1.502	0.540	1.019	68.166	
Political Influences on History		09	009119	5.367	1.877	0.451	1.391	59.633	
Critical-Thinking Skills		10	009119	6.015	2.224	0.603	1.401	60.150	
Science	COMPLETE SUBTEST	44	010793	26.428	7.184	0.825	3.005	60.063	
	Nature of Science	14	010793	8.755	2.821	0.664	1.635	62.535	
	Organization of Living Systems	09	010793	5.548	1.773	0.409	1.363	61.644	
	Interdependence of Organisms and the Environment	09	010793	5.137	2.046	0.544	1.382	57.077	
	Structures and Properties of Matter	06	010793	3.233	1.394	0.312	1.156	53.883	
	Motion, Forces, and Energy	06	010793	3.756	1.440	0.422	1.095	62.600	

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

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

3 Multiple-choice and gridded items only

Grade 10 TAKS-M (Spring 2011) Female

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	45	003237	28.146	7.057	0.847	2.760	73.752	
	Basic Understanding	07	003237	5.267	1.524	0.301	1.274	75.242	
	Literary Elements and Techniques	07	003237	5.138	1.727	0.534	1.179	73.400	
	Analysis and Evaluation	08	003237	6.526	1.699	0.432	1.280	81.575	
	Revising and Editing	14	003237	9.620	2.970	0.665	1.719	68.714	
Mathematics	COMPLETE SUBTEST	45	004466	23.731	6.492	0.762	3.167	52.735	
	Functional Relationships	04	004466	2.202	1.062	0.208	0.945	55.050	
	Properties and Attributes of Functions	04	004466	1.912	1.086	0.249	0.941	47.800	
	Linear Functions	04	004466	2.000	1.068	0.189	0.962	50.000	
	Linear Equations and Inequalities	04	004466	1.818	1.079	0.209	0.960	45.450	
	Quadratic and Other Nonlinear Functions	04	004466	2.450	1.066	0.270	0.911	61.250	
	Geometric Relationships and Spatial Reasoning	04	004466	2.065	1.069	0.195	0.959	51.625	
	Two- and Three-Dimensional Representations	04	004466	2.399	1.123	0.349	0.906	59.975	
	Measurement and Similarity	06	004466	3.069	1.433	0.345	1.160	51.150	
	Percents/Proportions/Probability/Statistics	04	004466	2.360	1.035	0.249	0.897	59.000	
	Mathematical Processes and Tools	07	004466	3.457	1.495	0.273	1.275	49.385	
	Social Studies	COMPLETE SUBTEST	40	003033	24.152	6.576	0.810	2.866	60.380
		Issues and Events in U.S. History	05	003033	2.800	1.243	0.264	1.066	56.000
Geographic Influences on History		10	003033	6.300	2.114	0.562	1.399	63.000	
Economic and Social Influences on History		06	003033	4.050	1.470	0.497	1.043	67.500	
Political Influences on History		09	003033	5.230	1.809	0.394	1.408	58.111	
Science	Critical-Thinking Skills	10	003033	5.772	2.146	0.558	1.427	57.720	
	COMPLETE SUBTEST	44	003731	25.983	6.708	0.796	3.030	59.052	
	Nature of Science	14	003731	8.589	2.748	0.637	1.656	61.350	
	Organization of Living Systems	09	003731	5.485	1.714	0.352	1.380	60.944	
	Interdependence of Organisms and the Environment	09	003731	4.998	1.960	0.491	1.398	55.533	
	Structures and Properties of Matter	06	003731	3.111	1.348	0.254	1.164	51.850	
Motion, Forces, and Energy	06	003731	3.802	1.388	0.382	1.091	63.366		

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 2011) Male

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	45	007012	27.422	7.232	0.854	2.763	72.077	
	Basic Understanding	07	007012	5.273	1.584	0.363	1.264	75.328	
	Literary Elements and Techniques	07	007012	5.012	1.723	0.520	1.194	71.600	
	Analysis and Evaluation	08	007012	6.470	1.743	0.470	1.269	80.875	
	Revising and Editing	14	007012	9.193	3.134	0.701	1.714	65.664	
Mathematics	COMPLETE SUBTEST	45	008312	23.640	6.828	0.786	3.159	52.533	
	Functional Relationships	04	008312	2.083	1.080	0.224	0.951	52.075	
	Properties and Attributes of Functions	04	008312	1.933	1.092	0.266	0.936	48.325	
	Linear Functions	04	008312	1.946	1.084	0.220	0.957	48.650	
	Linear Equations and Inequalities	04	008312	1.805	1.091	0.239	0.952	45.125	
	Quadratic and Other Nonlinear Functions	04	008312	2.402	1.066	0.255	0.920	60.050	
	Geometric Relationships and Spatial Reasoning	04	008312	2.130	1.089	0.237	0.951	53.250	
	Two- and Three-Dimensional Representations	04	008312	2.503	1.124	0.380	0.885	62.575	
	Measurement and Similarity	06	008312	3.020	1.428	0.334	1.165	50.333	
	Percents/Proportions/Probability/Statistics	04	008312	2.381	1.062	0.277	0.903	59.525	
	Mathematical Processes and Tools	07	008312	3.438	1.595	0.371	1.265	49.114	
	Social Studies	COMPLETE SUBTEST	40	006062	25.166	7.245	0.851	2.797	62.915
		Issues and Events in U.S. History	05	006062	2.900	1.266	0.304	1.056	58.000
Geographic Influences on History		10	006062	6.584	2.241	0.629	1.365	65.840	
Economic and Social Influences on History		06	006062	4.111	1.517	0.562	1.004	68.516	
Political Influences on History		09	006062	5.437	1.904	0.474	1.381	60.411	
Critical-Thinking Skills		10	006062	6.135	2.253	0.621	1.387	61.350	
Science	COMPLETE SUBTEST	44	007034	26.673	7.410	0.838	2.982	60.620	
	Nature of Science	14	007034	8.846	2.855	0.677	1.623	63.185	
	Organization of Living Systems	09	007034	5.583	1.803	0.437	1.353	62.033	
	Interdependence of Organisms and the Environment	09	007034	5.212	2.087	0.568	1.372	57.911	
	Structures and Properties of Matter	06	007034	3.299	1.412	0.336	1.151	54.983	
	Motion, Forces, and Energy	06	007034	3.733	1.466	0.441	1.096	62.216	

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 2011) Hispanic/Latino

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	004800	26.854	7.282	0.856	2.763	70.458	
	Basic Understanding	07	004800	5.104	1.605	0.385	1.259	72.914	
	Literary Elements and Techniques	07	004800	4.858	1.758	0.547	1.183	69.400	
	Analysis and Evaluation	08	004800	6.347	1.787	0.493	1.272	79.337	
	Revising and Editing	14	004800	9.057	3.103	0.698	1.705	64.692	
Mathematics	COMPLETE SUBTEST	45	005716	23.725	6.719	0.779	3.159	52.722	
	Functional Relationships	04	005716	2.153	1.073	0.218	0.949	53.825	
	Properties and Attributes of Functions	04	005716	1.941	1.094	0.258	0.942	48.525	
	Linear Functions	04	005716	1.943	1.088	0.229	0.955	48.575	
	Linear Equations and Inequalities	04	005716	1.808	1.083	0.219	0.957	45.200	
	Quadratic and Other Nonlinear Functions	04	005716	2.424	1.070	0.263	0.919	60.600	
	Geometric Relationships and Spatial Reasoning	04	005716	2.131	1.075	0.214	0.953	53.275	
	Two- and Three-Dimensional Representations	04	005716	2.515	1.118	0.372	0.886	62.875	
	Measurement and Similarity	06	005716	3.026	1.420	0.327	1.165	50.433	
	Percents/Proportions/Probability/Statistics	04	005716	2.336	1.053	0.260	0.906	58.400	
	Mathematical Processes and Tools	07	005716	3.449	1.569	0.348	1.267	49.271	
	Social Studies	COMPLETE SUBTEST	40	004289	24.306	7.036	0.836	2.849	60.765
		Issues and Events in U.S. History	05	004289	2.815	1.265	0.297	1.061	56.300
Geographic Influences on History		10	004289	6.364	2.214	0.607	1.388	63.640	
Economic and Social Influences on History		06	004289	3.994	1.521	0.542	1.029	66.566	
Political Influences on History		09	004289	5.278	1.860	0.433	1.401	58.644	
Critical-Thinking Skills		10	004289	5.855	2.234	0.600	1.413	58.550	
Science	COMPLETE SUBTEST	44	005018	25.610	7.025	0.814	3.030	58.204	
	Nature of Science	14	005018	8.450	2.786	0.647	1.655	60.357	
	Organization of Living Systems	09	005018	5.384	1.766	0.396	1.372	59.822	
	Interdependence of Organisms and the Environment	09	005018	4.935	2.012	0.516	1.400	54.833	
	Structures and Properties of Matter	06	005018	3.149	1.370	0.279	1.163	52.483	
	Motion, Forces, and Energy	06	005018	3.691	1.438	0.413	1.102	61.516	

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 2011) Am. Indian or Alaskan Native

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	000051	27.804	7.590	0.873	2.705	73.311	
	Basic Understanding	07	000051	5.431	1.792	0.551	1.201	77.585	
	Literary Elements and Techniques	07	000051	4.902	1.723	0.536	1.174	70.028	
	Analysis and Evaluation	08	000051	6.373	1.777	0.520	1.231	79.662	
	Revising and Editing	14	000051	9.686	3.076	0.691	1.710	69.185	
Mathematics	COMPLETE SUBTEST	45	000072	24.486	6.481	0.765	3.142	54.413	
	Functional Relationships	04	000072	2.153	1.044	0.173	0.949	53.825	
	Properties and Attributes of Functions	04	000072	1.875	1.162	0.395	0.904	46.875	
	Linear Functions	04	000072	1.944	0.991	0.010	0.986	48.600	
	Linear Equations and Inequalities	04	000072	1.944	1.099	0.255	0.949	48.600	
	Quadratic and Other Nonlinear Functions	04	000072	2.444	1.099	0.372	0.871	61.100	
	Geometric Relationships and Spatial Reasoning	04	000072	2.097	1.165	0.356	0.935	52.425	
	Two- and Three-Dimensional Representations	04	000072	2.625	1.106	0.374	0.875	65.625	
	Measurement and Similarity	06	000072	3.250	1.599	0.531	1.095	54.166	
	Percents/Proportions/Probability/Statistics	04	000072	2.375	1.041	0.301	0.870	59.375	
	Mathematical Processes and Tools	07	000072	3.778	1.484	0.258	1.278	53.971	
	Social Studies	COMPLETE SUBTEST	40	000040	26.975	6.146	0.799	2.755	67.437
		Issues and Events in U.S. History	05	000040	2.950	1.176	0.179	1.066	59.000
Geographic Influences on History		10	000040	7.175	1.782	0.438	1.336	71.750	
Economic and Social Influences on History		06	000040	4.225	1.702	0.703	0.928	70.416	
Political Influences on History		09	000040	5.775	1.717	0.361	1.373	64.166	
Critical-Thinking Skills		10	000040	6.850	1.902	0.481	1.370	68.500	
Science	COMPLETE SUBTEST	44	000056	28.268	6.136	0.770	2.943	64.245	
	Nature of Science	14	000056	9.821	2.405	0.587	1.546	70.150	
	Organization of Living Systems	09	000056	5.714	1.581	0.243	1.376	63.488	
	Interdependence of Organisms and the Environment	09	000056	5.500	1.926	0.491	1.374	61.111	
	Structures and Properties of Matter	06	000056	3.464	1.279	0.196	1.147	57.733	
	Motion, Forces, and Energy	06	000056	3.768	1.584	0.594	1.009	62.800	

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 10 TAKS-M (Spring 2011) Asian

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	000087	25.586	6.954	0.842	2.764	67.369	
	Basic Understanding	07	000087	4.609	1.652	0.460	1.214	65.842	
	Literary Elements and Techniques	07	000087	4.310	1.780	0.580	1.154	61.571	
	Analysis and Evaluation	08	000087	5.920	1.747	0.453	1.292	74.000	
	Revising and Editing	14	000087	9.414	2.884	0.648	1.711	67.242	
Mathematics	COMPLETE SUBTEST	45	000097	24.144	6.102	0.727	3.188	53.653	
	Functional Relationships	04	000097	2.031	1.004	0.058	0.974	50.775	
	Properties and Attributes of Functions	04	000097	1.907	1.042	0.127	0.974	47.675	
	Linear Functions	04	000097	2.082	1.087	0.233	0.952	52.050	
	Linear Equations and Inequalities	04	000097	1.979	1.109	0.261	0.953	49.475	
	Quadratic and Other Nonlinear Functions	04	000097	2.464	1.081	0.281	0.917	61.600	
	Geometric Relationships and Spatial Reasoning	04	000097	2.134	1.047	0.136	0.973	53.350	
	Two- and Three-Dimensional Representations	04	000097	2.392	1.105	0.303	0.923	59.800	
	Measurement and Similarity	06	000097	2.969	1.475	0.409	1.134	49.483	
	Percents/Proportions/Probability/Statistics	04	000097	2.392	1.056	0.315	0.874	59.800	
	Mathematical Processes and Tools	07	000097	3.794	1.613	0.402	1.247	54.200	
	Social Studies	COMPLETE SUBTEST	40	000080	25.200	6.942	0.836	2.811	63.000
		Issues and Events in U.S. History	05	000080	3.125	1.277	0.360	1.022	62.500
Geographic Influences on History		10	000080	6.700	2.269	0.648	1.346	67.000	
Economic and Social Influences on History		06	000080	4.113	1.543	0.594	0.983	68.550	
Political Influences on History		09	000080	5.275	1.889	0.474	1.370	58.611	
Critical-Thinking Skills		10	000080	5.988	2.416	0.670	1.388	59.880	
Science	COMPLETE SUBTEST	44	000084	24.786	6.632	0.791	3.032	56.331	
	Nature of Science	14	000084	7.690	3.022	0.704	1.644	54.928	
	Organization of Living Systems	09	000084	5.429	1.523	0.158	1.398	60.322	
	Interdependence of Organisms and the Environment	09	000084	4.964	1.872	0.439	1.402	55.155	
	Structures and Properties of Matter	06	000084	3.071	1.306	0.226	1.149	51.183	
	Motion, Forces, and Energy	06	000084	3.631	1.378	0.366	1.097	60.516	

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 2011) Black or African American

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	002439	27.651	7.135	0.849	2.773	72.644	
	Basic Understanding	07	002439	5.335	1.561	0.337	1.271	76.214	
	Literary Elements and Techniques	07	002439	5.059	1.722	0.515	1.199	72.271	
	Analysis and Evaluation	08	002439	6.524	1.725	0.433	1.299	81.550	
	Revising and Editing	14	002439	9.235	3.042	0.686	1.705	65.964	
Mathematics	COMPLETE SUBTEST	45	003011	22.527	6.385	0.751	3.186	50.060	
	Functional Relationships	04	003011	2.084	1.093	0.250	0.947	52.100	
	Properties and Attributes of Functions	04	003011	1.822	1.066	0.210	0.947	45.550	
	Linear Functions	04	003011	1.879	1.070	0.194	0.961	46.975	
	Linear Equations and Inequalities	04	003011	1.747	1.071	0.203	0.956	43.675	
	Quadratic and Other Nonlinear Functions	04	003011	2.375	1.050	0.220	0.927	59.375	
	Geometric Relationships and Spatial Reasoning	04	003011	1.942	1.080	0.219	0.954	48.550	
	Two- and Three-Dimensional Representations	04	003011	2.224	1.130	0.318	0.933	55.600	
	Measurement and Similarity	06	003011	2.898	1.399	0.294	1.175	48.300	
	Percents/Proportions/Probability/Statistics	04	003011	2.293	1.054	0.275	0.897	57.325	
	Mathematical Processes and Tools	07	003011	3.264	1.496	0.270	1.278	46.628	
	Social Studies	COMPLETE SUBTEST	40	002215	24.024	6.823	0.823	2.871	60.060
		Issues and Events in U.S. History	05	002215	2.729	1.246	0.259	1.073	54.580
Geographic Influences on History		10	002215	6.289	2.185	0.585	1.408	62.890	
Economic and Social Influences on History		06	002215	4.009	1.506	0.532	1.030	66.816	
Political Influences on History		09	002215	5.217	1.841	0.415	1.408	57.966	
Science	Critical-Thinking Skills	10	002215	5.781	2.128	0.551	1.426	57.810	
	COMPLETE SUBTEST	44	002550	25.472	6.875	0.803	3.051	57.890	
	Nature of Science	14	002550	8.405	2.685	0.613	1.670	60.035	
	Organization of Living Systems	09	002550	5.373	1.738	0.366	1.384	59.700	
	Interdependence of Organisms and the Environment	09	002550	4.914	2.021	0.524	1.394	54.600	
	Structures and Properties of Matter	06	002550	3.123	1.392	0.303	1.162	52.050	
Motion, Forces, and Energy	06	002550	3.657	1.459	0.423	1.108	60.950		

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 2011) Native Hawaiian/Pacific Islander

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	000014	30.429	5.529	0.755	2.737	79.761	
	Basic Understanding	07	000014	6.071	1.141	*****	*****	86.728	
	Literary Elements and Techniques	07	000014	5.786	0.975	*****	*****	82.657	
	Analysis and Evaluation	08	000014	6.857	1.748	0.559	1.161	85.712	
	Revising and Editing	14	000014	10.000	3.113	0.703	1.697	71.428	
Mathematics	COMPLETE SUBTEST	45	000015	24.133	6.413	0.782	2.994	53.628	
	Functional Relationships	04	000015	2.000	1.000	0.101	0.948	50.000	
	Properties and Attributes of Functions	04	000015	1.867	0.990	0.185	0.894	46.675	
	Linear Functions	04	000015	2.400	1.055	0.280	0.895	60.000	
	Linear Equations and Inequalities	04	000015	1.933	1.280	0.624	0.785	48.325	
	Quadratic and Other Nonlinear Functions	04	000015	2.667	1.113	0.501	0.786	66.675	
	Geometric Relationships and Spatial Reasoning	04	000015	2.333	1.175	0.475	0.851	58.325	
	Two- and Three-Dimensional Representations	04	000015	2.533	0.990	0.197	0.887	63.325	
	Measurement and Similarity	06	000015	3.000	1.732	0.613	1.077	50.000	
	Percents/Proportions/Probability/Statistics	04	000015	2.067	0.593	*****	*****	51.675	
	Mathematical Processes and Tools	07	000015	3.333	1.633	0.467	1.192	47.614	
	Social Studies	COMPLETE SUBTEST	40	000014	25.429	6.665	0.832	2.732	63.572
		Issues and Events in U.S. History	05	000014	2.929	1.269	0.343	1.029	58.580
Geographic Influences on History		10	000014	6.500	2.103	0.636	1.269	65.000	
Economic and Social Influences on History		06	000014	4.071	1.592	0.608	0.997	67.850	
Political Influences on History		09	000014	5.571	1.785	0.393	1.391	61.900	
Critical-Thinking Skills		10	000014	6.357	1.946	0.526	1.340	63.570	
Science	COMPLETE SUBTEST	44	000015	30.267	6.135	0.788	2.825	68.788	
	Nature of Science	14	000015	9.667	2.225	0.491	1.587	69.050	
	Organization of Living Systems	09	000015	6.067	1.335	*****	*****	67.411	
	Interdependence of Organisms and the Environment	09	000015	6.400	1.595	0.350	1.286	71.111	
	Structures and Properties of Matter	06	000015	3.867	1.407	0.414	1.077	64.450	
	Motion, Forces, and Energy	06	000015	4.267	1.280	0.392	0.998	71.116	

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 2011) White

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	002757	29.008	6.873	0.839	2.758	76.216	
	Basic Understanding	07	002757	5.513	1.451	0.225	1.277	78.757	
	Literary Elements and Techniques	07	002757	5.396	1.612	0.457	1.188	77.085	
	Analysis and Evaluation	08	002757	6.707	1.606	0.400	1.244	83.837	
	Revising and Editing	14	002757	9.822	3.067	0.681	1.732	70.157	
Mathematics	COMPLETE SUBTEST	45	003722	24.450	6.812	0.787	3.144	54.333	
	Functional Relationships	04	003722	2.117	1.065	0.200	0.953	52.925	
	Properties and Attributes of Functions	04	003722	1.981	1.094	0.277	0.930	49.525	
	Linear Functions	04	003722	2.058	1.067	0.192	0.959	51.450	
	Linear Equations and Inequalities	04	003722	1.849	1.100	0.247	0.955	46.225	
	Quadratic and Other Nonlinear Functions	04	003722	2.441	1.076	0.286	0.909	61.025	
	Geometric Relationships and Spatial Reasoning	04	003722	2.197	1.074	0.212	0.953	54.925	
	Two- and Three-Dimensional Representations	04	003722	2.587	1.103	0.367	0.878	64.675	
	Measurement and Similarity	06	003722	3.169	1.452	0.364	1.158	52.816	
	Percents/Proportions/Probability/Statistics	04	003722	2.494	1.043	0.261	0.897	62.350	
	Mathematical Processes and Tools	07	003722	3.556	1.575	0.350	1.270	50.800	
	Social Studies	COMPLETE SUBTEST	40	002381	26.360	7.032	0.847	2.751	65.900
		Issues and Events in U.S. History	05	002381	3.060	1.237	0.284	1.047	61.200
Geographic Influences on History		10	002381	6.858	2.164	0.620	1.334	68.580	
Economic and Social Influences on History		06	002381	4.324	1.435	0.527	0.987	72.066	
Political Influences on History		09	002381	5.642	1.905	0.494	1.355	62.688	
Critical-Thinking Skills		10	002381	6.476	2.219	0.625	1.359	64.760	
Science	COMPLETE SUBTEST	44	002938	28.577	7.249	0.839	2.909	64.947	
	Nature of Science	14	002938	9.566	2.818	0.692	1.564	68.328	
	Organization of Living Systems	09	002938	5.959	1.764	0.436	1.325	66.211	
	Interdependence of Organisms and the Environment	09	002938	5.642	2.036	0.570	1.335	62.688	
	Structures and Properties of Matter	06	002938	3.459	1.408	0.346	1.139	57.650	
	Motion, Forces, and Energy	06	002938	3.952	1.408	0.424	1.069	65.866	

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 10 TAKS-M (Spring 2011) Two or More Races

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	000097	29.918	6.238	0.796	2.817	78.722	
	Basic Understanding	07	000097	5.577	1.383	0.142	1.281	79.671	
	Literary Elements and Techniques	07	000097	5.412	1.650	0.476	1.194	77.314	
	Analysis and Evaluation	08	000097	6.804	1.545	0.286	1.306	85.050	
	Revising and Editing	14	000097	10.546	2.773	0.605	1.743	75.328	
Mathematics	COMPLETE SUBTEST	45	000140	24.636	7.782	0.844	3.074	54.746	
	Functional Relationships	04	000140	2.143	1.116	0.305	0.930	53.575	
	Properties and Attributes of Functions	04	000140	2.057	1.143	0.361	0.914	51.425	
	Linear Functions	04	000140	2.036	1.069	0.194	0.960	50.900	
	Linear Equations and Inequalities	04	000140	1.900	1.152	0.345	0.932	47.500	
	Quadratic and Other Nonlinear Functions	04	000140	2.486	1.021	0.212	0.906	62.150	
	Geometric Relationships and Spatial Reasoning	04	000140	2.193	1.228	0.479	0.886	54.825	
	Two- and Three-Dimensional Representations	04	000140	2.493	1.128	0.398	0.875	62.325	
	Measurement and Similarity	06	000140	3.029	1.469	0.403	1.135	50.483	
	Percents/Proportions/Probability/Statistics	04	000140	2.464	1.069	0.331	0.874	61.600	
	Mathematical Processes and Tools	07	000140	3.836	1.773	0.536	1.208	54.800	
	Social Studies	COMPLETE SUBTEST	40	000077	27.571	7.135	0.860	2.670	68.927
		Issues and Events in U.S. History	05	000077	3.273	1.210	0.291	1.019	65.460
Geographic Influences on History		10	000077	7.117	2.071	0.600	1.310	71.170	
Economic and Social Influences on History		06	000077	4.442	1.437	0.560	0.953	74.033	
Political Influences on History		09	000077	5.948	2.051	0.601	1.296	66.088	
Science	Critical-Thinking Skills	10	000077	6.792	2.290	0.673	1.310	67.920	
	COMPLETE SUBTEST	44	000102	28.941	7.761	0.866	2.841	65.775	
	Nature of Science	14	000102	9.461	3.007	0.738	1.539	67.578	
	Organization of Living Systems	09	000102	6.137	1.689	0.401	1.307	68.188	
	Interdependence of Organisms and the Environment	09	000102	5.863	2.120	0.630	1.290	65.144	
	Structures and Properties of Matter	06	000102	3.588	1.465	0.435	1.101	59.800	
	Motion, Forces, and Energy	06	000102	3.892	1.392	0.429	1.052	64.866	

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 2011) Total Group

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	009679	27.255	7.571	0.866	2.771	71.127	
	Basic Understanding	07	009679	5.007	1.686	0.471	1.226	71.528	
	Literary Elements and Techniques	07	009679	5.157	1.694	0.461	1.244	73.671	
	Analysis and Evaluation	08	009679	5.982	1.947	0.567	1.281	74.775	
	Revising and Editing	14	009679	9.460	3.018	0.674	1.723	67.571	
Mathematics	COMPLETE SUBTEST	48	011898	25.380	7.326	0.810	3.193	52.875	
	Functional Relationships	04	011898	1.923	1.081	0.209	0.961	48.075	
	Properties and Attributes of Functions	04	011898	2.329	1.082	0.247	0.939	58.225	
	Linear Functions	04	011898	2.139	1.123	0.301	0.939	53.475	
	Linear Equations and Inequalities	04	011898	2.244	1.119	0.298	0.938	56.100	
	Quadratic and Other Nonlinear Functions	04	011898	2.497	1.079	0.329	0.884	62.425	
	Geometric Relationships and Spatial Reasoning	06	011898	3.052	1.402	0.325	1.152	50.866	
	Two- and Three-Dimensional Representations	06	011898	3.190	1.450	0.404	1.119	53.166	
	Measurement and Similarity	06	011898	2.691	1.401	0.367	1.115	44.850	
	Percents/Proportions/Probability/Statistics	04	011898	2.592	0.919	0.232	0.805	64.800	
	Mathematical Processes and Tools	06	011898	2.724	1.393	0.288	1.175	45.400	
	Social Studies	COMPLETE SUBTEST	44	008726	25.952	7.483	0.836	3.030	58.981
		Issues and Events in U.S. History	10	008726	5.564	1.981	0.440	1.482	55.640
Geographic Influences on History		07	008726	4.404	1.628	0.461	1.195	62.914	
Economic and Social Influences on History		10	008726	5.448	2.223	0.570	1.458	54.480	
Political Influences on History		07	008726	4.416	1.593	0.432	1.201	63.085	
Critical-Thinking Skills		10	008726	6.122	2.258	0.620	1.392	61.220	
Science	COMPLETE SUBTEST	44	010500	25.912	7.284	0.827	3.030	58.890	
	Nature of Science	14	010500	8.739	2.926	0.683	1.647	62.421	
	Organization of Living Systems	06	010500	3.242	1.422	0.318	1.174	54.033	
	Interdependence of Organisms and the Environment	06	010500	3.278	1.456	0.380	1.146	54.633	
	Structures and Properties of Matter	09	010500	4.995	1.758	0.362	1.404	55.500	
	Motion, Forces, and Energy	09	010500	5.658	1.966	0.540	1.333	62.866	

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 2011) Female

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	003242	27.713	7.247	0.852	2.788	72.183	
	Basic Understanding	07	003242	5.011	1.615	0.404	1.247	71.585	
	Literary Elements and Techniques	07	003242	5.296	1.623	0.398	1.259	75.657	
	Analysis and Evaluation	08	003242	6.096	1.901	0.541	1.288	76.200	
	Revising and Editing	14	003242	9.583	2.849	0.631	1.731	68.450	
Mathematics	COMPLETE SUBTEST	48	004321	25.095	7.033	0.793	3.200	52.281	
	Functional Relationships	04	004321	1.955	1.091	0.232	0.956	48.875	
	Properties and Attributes of Functions	04	004321	2.386	1.072	0.243	0.933	59.650	
	Linear Functions	04	004321	2.109	1.117	0.295	0.938	52.725	
	Linear Equations and Inequalities	04	004321	2.321	1.094	0.266	0.937	58.025	
	Quadratic and Other Nonlinear Functions	04	004321	2.529	1.072	0.325	0.881	63.225	
	Geometric Relationships and Spatial Reasoning	06	004321	2.989	1.372	0.296	1.151	49.816	
	Two- and Three-Dimensional Representations	06	004321	3.120	1.424	0.355	1.144	52.000	
	Measurement and Similarity	06	004321	2.537	1.354	0.340	1.100	42.283	
	Percents/Proportions/Probability/Statistics	04	004321	2.494	0.898	0.192	0.807	62.350	
	Mathematical Processes and Tools	06	004321	2.655	1.383	0.284	1.170	44.250	
	Social Studies	COMPLETE SUBTEST	44	003075	25.192	6.836	0.799	3.065	57.254
		Issues and Events in U.S. History	10	003075	5.432	1.873	0.366	1.491	54.320
Geographic Influences on History		07	003075	4.358	1.559	0.397	1.211	62.257	
Economic and Social Influences on History		10	003075	5.178	2.085	0.493	1.485	51.780	
Political Influences on History		07	003075	4.340	1.557	0.390	1.216	62.000	
Critical-Thinking Skills		10	003075	5.885	2.179	0.578	1.416	58.850	
Science	COMPLETE SUBTEST	44	003800	25.390	6.822	0.800	3.051	57.704	
	Nature of Science	14	003800	8.634	2.837	0.659	1.657	61.671	
	Organization of Living Systems	06	003800	3.268	1.394	0.284	1.180	54.466	
	Interdependence of Organisms and the Environment	06	003800	3.208	1.394	0.308	1.160	53.466	
	Structures and Properties of Matter	09	003800	4.850	1.709	0.319	1.410	53.888	
	Motion, Forces, and Energy	09	003800	5.429	1.874	0.474	1.359	60.322	

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 2011) Male

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	006425	27.027	7.721	0.872	2.762	70.602	
	Basic Understanding	07	006425	5.004	1.720	0.504	1.211	71.485	
	Literary Elements and Techniques	07	006425	5.089	1.725	0.488	1.234	72.700	
	Analysis and Evaluation	08	006425	5.925	1.967	0.579	1.276	74.062	
	Revising and Editing	14	006425	9.399	3.096	0.693	1.715	67.135	
Mathematics	COMPLETE SUBTEST	48	007560	25.546	7.485	0.818	3.193	53.220	
	Functional Relationships	04	007560	1.905	1.075	0.195	0.965	47.625	
	Properties and Attributes of Functions	04	007560	2.297	1.085	0.246	0.942	57.425	
	Linear Functions	04	007560	2.156	1.126	0.306	0.938	53.900	
	Linear Equations and Inequalities	04	007560	2.200	1.131	0.313	0.937	55.000	
	Quadratic and Other Nonlinear Functions	04	007560	2.477	1.082	0.330	0.886	61.925	
	Geometric Relationships and Spatial Reasoning	06	007560	3.089	1.418	0.343	1.149	51.483	
	Two- and Three-Dimensional Representations	06	007560	3.232	1.463	0.431	1.104	53.866	
	Measurement and Similarity	06	007560	2.780	1.420	0.378	1.120	46.333	
	Percents/Proportions/Probability/Statistics	04	007560	2.648	0.926	0.252	0.801	66.200	
	Mathematical Processes and Tools	06	007560	2.762	1.397	0.292	1.175	46.033	
	Social Studies	COMPLETE SUBTEST	44	005637	26.378	7.786	0.851	3.005	59.950
		Issues and Events in U.S. History	10	005637	5.639	2.034	0.475	1.474	56.390
Geographic Influences on History		07	005637	4.429	1.665	0.492	1.187	63.271	
Economic and Social Influences on History		10	005637	5.598	2.283	0.601	1.442	55.980	
Political Influences on History		07	005637	4.459	1.611	0.455	1.189	63.700	
Critical-Thinking Skills		10	005637	6.253	2.291	0.638	1.378	62.530	
Science	COMPLETE SUBTEST	44	006686	26.212	7.518	0.840	3.007	59.572	
	Nature of Science	14	006686	8.799	2.976	0.697	1.638	62.850	
	Organization of Living Systems	06	006686	3.227	1.437	0.336	1.171	53.783	
	Interdependence of Organisms and the Environment	06	006686	3.318	1.488	0.417	1.136	55.300	
	Structures and Properties of Matter	09	006686	5.079	1.781	0.383	1.399	56.433	
	Motion, Forces, and Energy	09	006686	5.790	2.004	0.569	1.316	64.333	

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 2011) Hispanic/Latino

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	004501	26.435	7.599	0.867	2.771	68.894	
	Basic Understanding	07	004501	4.847	1.691	0.478	1.222	69.242	
	Literary Elements and Techniques	07	004501	5.009	1.716	0.477	1.241	71.557	
	Analysis and Evaluation	08	004501	5.853	1.974	0.580	1.279	73.162	
	Revising and Editing	14	004501	9.092	3.007	0.672	1.722	64.942	
Mathematics	COMPLETE SUBTEST	48	005269	25.285	7.254	0.806	3.195	52.677	
	Functional Relationships	04	005269	1.936	1.083	0.210	0.963	48.400	
	Properties and Attributes of Functions	04	005269	2.335	1.080	0.247	0.937	58.375	
	Linear Functions	04	005269	2.158	1.119	0.303	0.934	53.950	
	Linear Equations and Inequalities	04	005269	2.224	1.122	0.302	0.937	55.600	
	Quadratic and Other Nonlinear Functions	04	005269	2.485	1.081	0.322	0.890	62.125	
	Geometric Relationships and Spatial Reasoning	06	005269	3.028	1.404	0.328	1.151	50.466	
	Two- and Three-Dimensional Representations	06	005269	3.218	1.449	0.417	1.106	53.633	
	Measurement and Similarity	06	005269	2.675	1.372	0.338	1.116	44.583	
	Percents/Proportions/Probability/Statistics	04	005269	2.559	0.918	0.215	0.813	63.975	
	Mathematical Processes and Tools	06	005269	2.667	1.373	0.266	1.176	44.450	
	Social Studies	COMPLETE SUBTEST	44	004096	25.248	7.330	0.827	3.049	57.381
		Issues and Events in U.S. History	10	004096	5.431	1.962	0.428	1.484	54.310
Geographic Influences on History		07	004096	4.294	1.607	0.434	1.209	61.342	
Economic and Social Influences on History		10	004096	5.240	2.193	0.550	1.471	52.400	
Political Influences on History		07	004096	4.323	1.595	0.425	1.209	61.757	
Critical-Thinking Skills		10	004096	5.960	2.227	0.601	1.407	59.600	
Science	COMPLETE SUBTEST	44	004812	25.059	7.052	0.811	3.066	56.952	
	Nature of Science	14	004812	8.413	2.861	0.657	1.676	60.092	
	Organization of Living Systems	06	004812	3.171	1.417	0.309	1.178	52.850	
	Interdependence of Organisms and the Environment	06	004812	3.143	1.436	0.349	1.159	52.383	
	Structures and Properties of Matter	09	004812	4.847	1.739	0.335	1.418	53.855	
	Motion, Forces, and Energy	09	004812	5.485	1.940	0.517	1.348	60.944	

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 2011) Am. Indian or Alaskan Native

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	000044	28.795	7.618	0.870	2.747	75.505	
	Basic Understanding	07	000044	5.159	1.613	0.436	1.211	73.700	
	Literary Elements and Techniques	07	000044	5.341	1.765	0.530	1.210	76.300	
	Analysis and Evaluation	08	000044	6.591	1.560	0.259	1.343	82.387	
	Revising and Editing	14	000044	10.091	3.190	0.716	1.700	72.078	
Mathematics	COMPLETE SUBTEST	48	000051	26.392	7.362	0.816	3.158	54.983	
	Functional Relationships	04	000051	1.902	1.082	0.213	0.960	47.550	
	Properties and Attributes of Functions	04	000051	2.412	1.117	0.319	0.922	60.300	
	Linear Functions	04	000051	2.118	1.259	0.516	0.876	52.950	
	Linear Equations and Inequalities	04	000051	2.216	1.119	0.323	0.921	55.400	
	Quadratic and Other Nonlinear Functions	04	000051	2.627	1.130	0.443	0.843	65.675	
	Geometric Relationships and Spatial Reasoning	06	000051	3.275	1.550	0.486	1.111	54.583	
	Two- and Three-Dimensional Representations	06	000051	3.588	1.417	0.431	1.069	59.800	
	Measurement and Similarity	06	000051	2.784	1.254	0.182	1.134	46.400	
	Percents/Proportions/Probability/Statistics	04	000051	2.725	0.896	0.163	0.820	68.125	
	Mathematical Processes and Tools	06	000051	2.745	1.468	0.398	1.139	45.750	
	Social Studies	COMPLETE SUBTEST	44	000040	25.325	8.030	0.862	2.983	57.556
		Issues and Events in U.S. History	10	000040	5.475	2.063	0.503	1.454	54.750
Geographic Influences on History		07	000040	4.275	1.769	0.569	1.161	61.071	
Economic and Social Influences on History		10	000040	5.400	2.845	0.782	1.328	54.000	
Political Influences on History		07	000040	4.075	1.639	0.460	1.204	58.214	
Critical-Thinking Skills		10	000040	6.100	2.296	0.646	1.366	61.000	
Science	COMPLETE SUBTEST	44	000046	26.957	7.583	0.845	2.985	61.265	
	Nature of Science	14	000046	8.848	3.040	0.709	1.640	63.200	
	Organization of Living Systems	06	000046	3.370	1.525	0.453	1.128	56.166	
	Interdependence of Organisms and the Environment	06	000046	3.609	1.666	0.583	1.076	60.150	
	Structures and Properties of Matter	09	000046	5.043	1.660	0.270	1.418	56.033	
	Motion, Forces, and Energy	09	000046	6.087	1.848	0.504	1.301	67.633	

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 2011) Asian

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	000080	24.563	7.808	0.878	2.727	64.513	
	Basic Understanding	07	000080	4.550	1.720	0.499	1.217	65.000	
	Literary Elements and Techniques	07	000080	4.725	1.583	0.373	1.253	67.500	
	Analysis and Evaluation	08	000080	4.850	2.273	0.727	1.188	60.625	
	Revising and Editing	14	000080	9.100	3.120	0.705	1.695	65.000	
Mathematics	COMPLETE SUBTEST	48	000095	25.053	6.755	0.775	3.204	52.193	
	Functional Relationships	04	000095	2.042	1.031	0.098	0.979	51.050	
	Properties and Attributes of Functions	04	000095	2.347	1.192	0.436	0.895	58.675	
	Linear Functions	04	000095	2.158	1.152	0.347	0.931	53.950	
	Linear Equations and Inequalities	04	000095	2.411	1.125	0.337	0.916	60.275	
	Quadratic and Other Nonlinear Functions	04	000095	2.547	0.976	0.146	0.902	63.675	
	Geometric Relationships and Spatial Reasoning	06	000095	2.937	1.319	0.245	1.146	48.950	
	Two- and Three-Dimensional Representations	06	000095	3.063	1.295	0.175	1.176	51.050	
	Measurement and Similarity	06	000095	2.411	1.207	0.154	1.110	40.183	
	Percents/Proportions/Probability/Statistics	04	000095	2.305	0.900	0.114	0.847	57.625	
	Mathematical Processes and Tools	06	000095	2.832	1.396	0.306	1.163	47.200	
	Social Studies	COMPLETE SUBTEST	44	000076	25.461	7.405	0.831	3.044	57.865
		Issues and Events in U.S. History	10	000076	5.750	1.891	0.393	1.473	57.500
Geographic Influences on History		07	000076	4.408	1.659	0.488	1.187	62.971	
Economic and Social Influences on History		10	000076	5.329	1.982	0.452	1.467	53.290	
Political Influences on History		07	000076	4.211	1.594	0.414	1.220	60.157	
Critical-Thinking Skills		10	000076	5.763	2.214	0.569	1.454	57.630	
Science	COMPLETE SUBTEST	44	000088	24.591	7.532	0.837	3.041	55.888	
	Nature of Science	14	000088	8.148	2.977	0.681	1.681	58.200	
	Organization of Living Systems	06	000088	3.205	1.569	0.480	1.131	53.416	
	Interdependence of Organisms and the Environment	06	000088	3.045	1.516	0.432	1.143	50.750	
	Structures and Properties of Matter	09	000088	4.909	1.836	0.441	1.373	54.544	
	Motion, Forces, and Energy	09	000088	5.284	1.813	0.415	1.387	58.711	

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 11 TAKS-M (Spring 2011) Black or African American

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	002215	26.564	7.531	0.865	2.767	69.263	
	Basic Understanding	07	002215	4.833	1.699	0.474	1.232	69.042	
	Literary Elements and Techniques	07	002215	5.065	1.698	0.464	1.243	72.357	
	Analysis and Evaluation	08	002215	5.763	1.973	0.582	1.276	72.037	
	Revising and Editing	14	002215	9.274	2.980	0.667	1.720	66.242	
Mathematics	COMPLETE SUBTEST	48	002703	23.808	6.711	0.769	3.225	49.600	
	Functional Relationships	04	002703	1.814	1.070	0.194	0.961	45.350	
	Properties and Attributes of Functions	04	002703	2.251	1.088	0.249	0.943	56.275	
	Linear Functions	04	002703	2.000	1.103	0.259	0.949	50.000	
	Linear Equations and Inequalities	04	002703	2.146	1.107	0.268	0.947	53.650	
	Quadratic and Other Nonlinear Functions	04	002703	2.418	1.080	0.306	0.900	60.450	
	Geometric Relationships and Spatial Reasoning	06	002703	2.820	1.332	0.245	1.157	47.000	
	Two- and Three-Dimensional Representations	06	002703	2.907	1.381	0.307	1.150	48.450	
	Measurement and Similarity	06	002703	2.401	1.328	0.292	1.117	40.016	
	Percents/Proportions/Probability/Statistics	04	002703	2.489	0.905	0.187	0.816	62.225	
	Mathematical Processes and Tools	06	002703	2.563	1.364	0.268	1.167	42.716	
	Social Studies	COMPLETE SUBTEST	44	002055	25.141	7.056	0.812	3.059	57.138
		Issues and Events in U.S. History	10	002055	5.525	1.930	0.403	1.491	55.250
Geographic Influences on History		07	002055	4.300	1.580	0.406	1.218	61.428	
Economic and Social Influences on History		10	002055	5.185	2.110	0.513	1.472	51.850	
Political Influences on History		07	002055	4.375	1.563	0.399	1.212	62.500	
Critical-Thinking Skills		10	002055	5.756	2.203	0.587	1.416	57.560	
Science	COMPLETE SUBTEST	44	002441	24.880	6.880	0.801	3.069	56.545	
	Nature of Science	14	002441	8.358	2.838	0.650	1.679	59.700	
	Organization of Living Systems	06	002441	3.097	1.387	0.267	1.187	51.616	
	Interdependence of Organisms and the Environment	06	002441	3.155	1.416	0.328	1.161	52.583	
	Structures and Properties of Matter	09	002441	4.878	1.712	0.323	1.409	54.200	
	Motion, Forces, and Energy	09	002441	5.392	1.909	0.487	1.367	59.911	

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 2011) Native Hawaiian/Pacific Islander

Subject	Test Objective	K ¹	N	Mean	SD	Alpha ²	SEM	Mean ³ P-Value	
ELA	COMPLETE SUBTEST	45	000011	26.818	9.086	0.926	2.472	69.950	
	Basic Understanding	07	000011	4.909	1.973	0.691	1.097	70.128	
	Literary Elements and Techniques	07	000011	5.273	1.618	0.511	1.131	75.328	
	Analysis and Evaluation	08	000011	5.636	2.336	0.808	1.024	70.450	
	Revising and Editing	14	000011	9.364	3.501	0.795	1.585	66.885	
Mathematics	COMPLETE SUBTEST	48	000014	27.714	6.799	0.803	3.018	57.737	
	Functional Relationships	04	000014	2.286	1.069	0.274	0.911	57.150	
	Properties and Attributes of Functions	04	000014	2.286	1.139	0.421	0.867	57.150	
	Linear Functions	04	000014	2.286	1.139	0.505	0.801	57.150	
	Linear Equations and Inequalities	04	000014	2.500	0.760	*****	*****	62.500	
	Quadratic and Other Nonlinear Functions	04	000014	2.786	1.051	0.403	0.812	69.650	
	Geometric Relationships and Spatial Reasoning	06	000014	3.643	1.393	0.389	1.089	60.716	
	Two- and Three-Dimensional Representations	06	000014	3.071	1.439	0.446	1.071	51.183	
	Measurement and Similarity	06	000014	2.929	1.207	0.457	0.889	48.816	
	Percents/Proportions/Probability/Statistics	04	000014	2.857	0.949	0.352	0.764	71.425	
	Mathematical Processes and Tools	06	000014	3.071	1.439	0.369	1.143	51.183	
	Social Studies	COMPLETE SUBTEST	44	000010	24.400	7.501	0.846	2.944	55.454
		Issues and Events in U.S. History	10	000010	5.600	1.174	*****	*****	56.000
Geographic Influences on History		07	000010	3.900	1.287	0.061	1.247	55.714	
Economic and Social Influences on History		10	000010	5.100	1.792	0.319	1.479	51.000	
Political Influences on History		07	000010	4.100	1.912	0.659	1.117	58.571	
Critical-Thinking Skills		10	000010	5.700	2.830	0.799	1.269	57.000	
Science	COMPLETE SUBTEST	44	000014	25.786	7.266	0.840	2.906	58.604	
	Nature of Science	14	000014	8.500	3.006	0.740	1.533	60.714	
	Organization of Living Systems	06	000014	3.357	1.393	0.307	1.160	55.950	
	Interdependence of Organisms and the Environment	06	000014	3.286	1.326	0.259	1.141	54.766	
	Structures and Properties of Matter	09	000014	4.500	1.743	0.363	1.391	50.000	
	Motion, Forces, and Energy	09	000014	6.143	1.994	0.626	1.219	68.255	

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 2011) White

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	002689	29.151	7.197	0.852	2.769	76.258	
	Basic Understanding	07	002689	5.412	1.599	0.412	1.226	77.314	
	Literary Elements and Techniques	07	002689	5.479	1.611	0.409	1.238	78.271	
	Analysis and Evaluation	08	002689	6.376	1.807	0.488	1.293	79.700	
	Revising and Editing	14	002689	10.186	2.928	0.652	1.727	72.757	
Mathematics	COMPLETE SUBTEST	48	003588	26.641	7.647	0.828	3.171	55.502	
	Functional Relationships	04	003588	1.980	1.083	0.216	0.959	49.500	
	Properties and Attributes of Functions	04	003588	2.376	1.077	0.247	0.935	59.400	
	Linear Functions	04	003588	2.208	1.134	0.319	0.936	55.200	
	Linear Equations and Inequalities	04	003588	2.333	1.119	0.313	0.927	58.325	
	Quadratic and Other Nonlinear Functions	04	003588	2.560	1.071	0.350	0.863	64.000	
	Geometric Relationships and Spatial Reasoning	06	003588	3.259	1.421	0.350	1.146	54.316	
	Two- and Three-Dimensional Representations	06	003588	3.348	1.475	0.431	1.113	55.800	
	Measurement and Similarity	06	003588	2.936	1.457	0.428	1.102	48.933	
	Percents/Proportions/Probability/Statistics	04	003588	2.719	0.915	0.275	0.779	67.975	
	Mathematical Processes and Tools	06	003588	2.922	1.421	0.316	1.175	48.700	
	Social Studies	COMPLETE SUBTEST	44	002328	27.884	7.758	0.856	2.944	63.372
		Issues and Events in U.S. History	10	002328	5.833	2.032	0.482	1.462	58.330
Geographic Influences on History		07	002328	4.681	1.671	0.528	1.148	66.871	
Economic and Social Influences on History		10	002328	6.027	2.266	0.611	1.413	60.270	
Political Influences on History		07	002328	4.616	1.595	0.462	1.170	65.942	
Critical-Thinking Skills		10	002328	6.728	2.239	0.645	1.334	67.280	
Science	COMPLETE SUBTEST	44	002945	28.066	7.509	0.848	2.928	63.786	
	Nature of Science	14	002945	9.558	2.932	0.714	1.568	68.271	
	Organization of Living Systems	06	002945	3.462	1.425	0.342	1.156	57.700	
	Interdependence of Organisms and the Environment	06	002945	3.586	1.471	0.431	1.110	59.766	
	Structures and Properties of Matter	09	002945	5.315	1.785	0.405	1.377	59.055	
	Motion, Forces, and Energy	09	002945	6.144	1.977	0.585	1.274	68.266	

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

3 Multiple-choice and gridded items only

Grade 11 TAKS-M (Spring 2011) Two or More Races

Subject	Test Objective	K¹	N	Mean	SD	Alpha²	SEM	Mean³ P-Value	
ELA	COMPLETE SUBTEST	45	000111	29.739	6.924	0.843	2.744	77.677	
	Basic Understanding	07	000111	5.369	1.589	0.418	1.212	76.700	
	Literary Elements and Techniques	07	000111	5.523	1.600	0.410	1.229	78.900	
	Analysis and Evaluation	08	000111	6.613	1.754	0.475	1.271	82.662	
	Revising and Editing	14	000111	10.459	2.795	0.621	1.721	74.707	
Mathematics	COMPLETE SUBTEST	48	000158	26.532	7.109	0.801	3.171	55.275	
	Functional Relationships	04	000158	1.968	1.073	0.189	0.966	49.200	
	Properties and Attributes of Functions	04	000158	2.392	1.033	0.155	0.950	59.800	
	Linear Functions	04	000158	2.285	1.112	0.289	0.938	57.125	
	Linear Equations and Inequalities	04	000158	2.449	1.050	0.199	0.940	61.225	
	Quadratic and Other Nonlinear Functions	04	000158	2.677	1.107	0.461	0.813	66.925	
	Geometric Relationships and Spatial Reasoning	06	000158	3.057	1.388	0.309	1.154	50.950	
	Two- and Three-Dimensional Representations	06	000158	3.500	1.440	0.435	1.082	58.333	
	Measurement and Similarity	06	000158	2.747	1.405	0.371	1.114	45.783	
	Percents/Proportions/Probability/Statistics	04	000158	2.677	0.919	0.278	0.781	66.925	
	Mathematical Processes and Tools	06	000158	2.778	1.376	0.260	1.184	46.300	
	Social Studies	COMPLETE SUBTEST	44	000105	27.733	7.504	0.846	2.945	63.029
		Issues and Events in U.S. History	10	000105	5.600	2.133	0.534	1.456	56.000
Geographic Influences on History		07	000105	4.752	1.628	0.512	1.137	67.885	
Economic and Social Influences on History		10	000105	6.038	2.152	0.560	1.427	60.380	
Political Influences on History		07	000105	4.752	1.604	0.501	1.133	67.885	
Critical-Thinking Skills		10	000105	6.590	2.209	0.630	1.344	65.900	
Science	COMPLETE SUBTEST	44	000135	28.637	6.850	0.817	2.930	65.084	
	Nature of Science	14	000135	9.756	2.739	0.678	1.554	69.685	
	Organization of Living Systems	06	000135	3.593	1.426	0.363	1.138	59.883	
	Interdependence of Organisms and the Environment	06	000135	3.681	1.375	0.354	1.105	61.350	
	Structures and Properties of Matter	09	000135	5.526	1.731	0.360	1.385	61.400	
	Motion, Forces, and Energy	09	000135	6.081	1.924	0.556	1.282	67.566	

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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