

# APPENDIX O—CLASSICAL RELIABILITIES

**Table O-1. 2011-12 MEPA: Raw Score Descriptive Statistics, Cronbach's Alpha, and Standard Errors of Measurement (SEM) by Grade Span—Spring 2012**

Grade Span	Sessions	Number of Students	Raw Score			Alpha	Standard Error
			Maximum	Mean	Standard Deviation		
K-2	A	15,842	52	31.34	9.50	0.90	3.07
	B	9,656	59	44.23	8.84	0.90	2.78
3-4	1&2	3,776	76	48.56	16.16	0.95	3.60
	2&3	9,151	77	56.12	8.86	0.88	3.07
5-6	1&2	2,480	76	42.90	16.40	0.94	3.89
	2&3	7,336	77	54.58	9.02	0.87	3.23
7-8	1&2	1,999	76	39.50	15.83	0.94	3.84
	2&3	5,182	77	53.00	9.74	0.88	3.39
9-12	1&2	3,603	76	37.51	14.75	0.93	3.83
	2&3	7,955	77	52.70	10.29	0.88	3.61

**Table O-2. 2011-12 MEPA: Subgroup Reliabilities—Spring 2012**

Grade Span	Sessions	Subgroup	Number of Students	Raw Score			Alpha	Standard Error
				Maximum	Mean	Standard Deviation		
K-2	A	All Students	15,842	52	31.34	9.50	0.90	3.07
		Low Income	11,669	52	30.84	9.30	0.89	3.05
		African American	1,519	52	31.18	9.38	0.89	3.08
		Asian	2,917	52	32.58	9.54	0.90	3.01
		Hispanic	8,709	52	30.46	9.26	0.89	3.07
		Multi-race	130	52	34.54	8.53	0.88	2.93
		Native Americans	69	52	31.03	9.53	0.90	3.01
		Pacific Islander/Hawaiian	15	52	35.40	10.43	0.92	2.95
		White	2,416	52	33.18	9.82	0.90	3.04
		Female	7,418	52	31.76	9.43	0.89	3.07
	Male	8,401	52	30.99	9.54	0.90	3.07	
	Plan 504	175	52	30.60	9.05	0.89	3.03	
	Special Education	1,754	52	29.88	9.37	0.90	3.02	
	Title I	11,693	52	30.75	9.41	0.89	3.08	
	B	All Students	9,656	59	44.23	8.84	0.90	2.78
		Low Income	7,131	59	43.42	8.92	0.90	2.82
		African American	1,032	59	42.94	9.48	0.91	2.85
		Asian	2,075	59	46.75	7.75	0.89	2.57
		Hispanic	5,082	59	42.94	8.97	0.90	2.86
		Multi-race	96	59	47.30	8.08	0.90	2.51
Native Americans		32	59	44.56	6.53	0.83	2.67	
Pacific Islander/Hawaiian		13	59	42.15	9.21	0.91	2.79	
White		1,316	59	46.09	8.25	0.90	2.65	
Female		4,674	59	45.09	8.68	0.90	2.72	
Male	4,977	59	43.43	8.91	0.90	2.82		
Plan 504	162	59	44.33	8.28	0.88	2.86		
Special Education	894	59	38.60	9.37	0.89	3.06		
Title I	7,483	59	43.39	9.03	0.90	2.83		
3-4	1&2	All Students	3,776	76	48.56	16.16	0.95	3.60
		Low Income	3,019	76	48.57	15.58	0.95	3.57

continued

Grade Span	Sessions	Subgroup	Number of Students	Raw Score			Alpha	Standard Error
				Maximum	Mean	Standard Deviation		
3-4	1&2	African American	475	76	45.37	17.13	0.95	3.76
		Asian	629	76	53.41	14.47	0.95	3.32
		Hispanic	2,161	76	47.03	16.20	0.95	3.65
		Multi-race	28	76	52.46	16.93	0.96	3.32
		Native Americans	12	76	54.58	14.31	0.95	3.20
		Pacific Islander/Hawaiian	10	76	50.70	15.20	0.95	3.36
		White	440	76	52.94	13.98	0.94	3.44
		Female	1,701	76	49.48	16.15	0.95	3.57
		Male	2,067	76	47.84	16.12	0.95	3.61
		Plan 504	59	76	54.34	13.24	0.94	3.28
	Special Education	949	76	49.13	12.49	0.92	3.54	
	Title I	2,889	76	47.16	16.42	0.95	3.64	
	All Students	9,151	77	56.12	8.86	0.88	3.07	
	Low Income	7,212	77	55.55	8.97	0.88	3.10	
	2&3	African American	1,268	77	54.31	9.44	0.89	3.20
		Asian	1,726	77	59.32	7.93	0.86	2.93
		Hispanic	4,981	77	55.07	8.72	0.88	3.08
		Multi-race	89	77	55.04	11.45	0.93	3.10
		Native Americans	21	77	59.05	5.97	0.74	3.06
		Pacific Islander/Hawaiian	18	77	56.78	7.11	0.81	3.10
		White	1,037	77	58.11	8.37	0.87	2.98
		Female	4,375	77	56.85	8.79	0.88	3.06
		Male	4,767	77	55.45	8.88	0.88	3.08
		Plan 504	173	77	54.97	8.56	0.87	3.12
	Special Education	1,325	77	50.56	9.70	0.89	3.29	
	Title I	7,688	77	55.52	8.98	0.88	3.10	
	All Students	2,480	76	42.90	16.40	0.94	3.89	
	Low Income	2,013	76	43.19	15.94	0.94	3.87	
1&2	African American	397	76	41.69	15.69	0.94	3.90	
	Asian	402	76	47.89	15.51	0.94	3.69	
	Hispanic	1,403	76	41.26	16.54	0.94	3.95	
	Multi-race	15	76	47.47	15.27	0.93	4.04	
	Native Americans	5	76					
	Pacific Islander/Hawaiian	5	76					
	White	233	76	47.60	14.92	0.94	3.67	
	Female	1,126	76	43.02	16.50	0.94	3.89	
	Male	1,349	76	42.82	16.30	0.94	3.88	
	Plan 504	17	76	53.94	12.30	0.93	3.36	
Special Education	496	76	46.37	13.50	0.92	3.75		
Title I	1,881	76	41.46	16.30	0.94	3.90		
5-6	All Students	7,336	77	54.58	9.02	0.87	3.23	
	Low Income	6,045	77	54.00	9.05	0.87	3.25	
	African American	1,088	77	53.91	8.57	0.86	3.26	
	Asian	1,276	77	57.43	8.83	0.87	3.15	
	Hispanic	4,101	77	53.35	8.93	0.87	3.24	
	Multi-race	74	77	56.58	8.38	0.85	3.20	
	Native Americans	12	77	58.75	5.50	0.71	2.97	

continued

Grade Span	Sessions	Subgroup	Number of Students	Raw Score			Alpha	Standard Error
				Maximum	Mean	Standard Deviation		
5-6	2&3	Pacific Islander/Hawaiian	13	77	57.77	10.95	0.91	3.31
		White	760	77	57.07	8.86	0.87	3.16
		Female	3,429	77	55.70	8.76	0.87	3.21
		Male	3,902	77	53.59	9.12	0.87	3.23
		Plan 504	142	77	54.08	9.20	0.87	3.28
		Special Education	1,424	77	49.03	9.08	0.86	3.40
		Title I	5,922	77	53.88	9.10	0.87	3.26
7-8	1&2	All Students	1,999	76	39.50	15.83	0.94	3.84
		Low Income	1,631	76	40.25	15.36	0.94	3.83
		African American	326	76	39.53	14.26	0.93	3.76
		Asian	254	76	42.88	15.63	0.95	3.63
		Hispanic	1,246	76	39.13	16.06	0.94	3.88
		Multi-race	6	76				
		Native Americans	4	76				
		Pacific Islander/Hawaiian	2	76				
		White	141	76	39.32	16.01	0.94	3.76
		Female	897	76	40.01	15.77	0.94	3.84
	2&3	Male	1,095	76	39.23	15.79	0.94	3.82
		Plan 504	13	76	50.77	16.53	0.95	3.58
		Special Education	281	76	43.40	14.59	0.93	3.89
		Title I	1,419	76	39.03	15.56	0.94	3.85
		All Students	5,182	77	53.00	9.74	0.88	3.39
		Low Income	4,253	77	52.41	9.74	0.88	3.41
		African American	982	77	52.93	9.10	0.86	3.39
		Asian	844	77	56.22	9.23	0.88	3.26
		Hispanic	2,759	77	51.71	9.81	0.88	3.40
		Multi-race	28	77	51.50	11.50	0.90	3.60
2&3	Native Americans	5	77					
	Pacific Islander/Hawaiian	9	77					
	White	540	77	54.73	9.86	0.89	3.32	
	Female	2,385	77	54.33	9.51	0.88	3.33	
	Male	2,787	77	51.86	9.79	0.88	3.43	
	Plan 504	76	77	53.57	9.02	0.87	3.25	
	Special Education	1,175	77	48.09	9.80	0.87	3.55	
	Title I	3,335	77	52.78	9.25	0.87	3.37	
	All Students	3,603	76	37.51	14.75	0.93	3.83	
	Low Income	2,858	76	38.03	14.39	0.93	3.83	
9-12	1&2	African American	780	76	38.52	13.18	0.92	3.76
		Asian	521	76	40.41	13.89	0.92	3.81
		Hispanic	1,962	76	35.70	15.07	0.94	3.84
		Multi-race	19	76	38.11	15.52	0.93	4.06
		Native Americans	10	76	38.10	10.27	0.88	3.63
		Pacific Islander/Hawaiian	8	76				
		White	245	76	44.53	14.88	0.94	3.62
		Female	1,602	76	38.34	14.47	0.93	3.81
		Male	1,983	76	36.92	14.92	0.93	3.83
		Plan 504	6	76				

continued

Grade Span	Sessions	Subgroup	Number of Students	Raw Score			Alpha	Standard Error
				Maximum	Mean	Standard Deviation		
9–12	1&2	Special Education	341	76	38.43	16.14	0.94	3.95
		Title I	1,891	76	36.17	14.27	0.93	3.79
	2&3	All Students	7,955	77	52.70	10.29	0.88	3.61
		Low Income	6,467	77	52.28	10.24	0.87	3.64
		African American	2,017	77	53.31	9.94	0.87	3.52
		Asian	1,372	77	53.96	10.14	0.87	3.61
		Hispanic	3,768	77	51.51	10.42	0.88	3.63
		Multi-race	55	77	54.45	10.06	0.87	3.67
		Native Americans	11	77	52.55	9.13	0.86	3.43
		Pacific Islander/Hawaiian	18	77	47.28	9.95	0.85	3.89
		White	672	77	54.93	10.04	0.88	3.49
		Female	3,759	77	53.40	10.21	0.88	3.59
		Male	4,188	77	52.08	10.33	0.88	3.62
		Plan 504	47	77	52.74	8.61	0.82	3.63
		Special Education	1,050	77	47.85	10.19	0.87	3.67
	Title I	3,846	77	52.49	10.08	0.87	3.67	

**Table O-3. 2011-12 MEPA: Reliabilities by Reporting Category—Spring 2012**

Grade Span	Sessions	Reporting Category	Number of Students	Raw Score			Alpha	Standard Error
				Maximum	Mean	Standard Deviation		
K–2	A	Reading	16	16	10.53	3.47	0.78	1.62
		Writing	8	11	5.50	2.84	0.75	1.42
		Listening	1	5	3.30	1.07		
		Speaking	4	20	12.02	4.32	0.97	0.76
	B	Reading	14	14	10.52	2.86	0.76	1.40
		Writing	12	20	14.26	4.19	0.84	1.66
		Listening	1	5	4.07	0.80		
		Speaking	4	20	15.39	3.19	0.95	0.74
3–4	1&2	Reading	22	27	17.50	6.51	0.89	2.13
		Writing	13	24	15.18	5.60	0.89	1.83
		Listening	1	5	3.36	1.18		
		Speaking	4	20	12.52	4.70	0.97	0.78
	2&3	Reading	20	26	18.09	4.32	0.78	2.04
		Writing	14	26	17.45	3.40	0.75	1.69
		Listening	1	5	4.27	0.72		
		Speaking	4	20	16.30	2.76	0.93	0.75
5–6	1&2	Reading	22	27	14.69	5.99	0.85	2.34
		Writing	13	24	13.96	5.77	0.89	1.95
		Listening	1	5	3.07	1.28		
		Speaking	4	20	11.17	5.11	0.98	0.76
	2&3	Reading	20	26	16.80	4.50	0.78	2.12
		Writing	14	26	16.94	3.46	0.72	1.82
		Listening	1	5	4.33	0.72		
		Speaking	4	20	16.51	2.92	0.94	0.72
7–8	1&2	Reading	22	27	13.13	5.88	0.85	2.31
		Writing	13	24	13.91	5.79	0.89	1.94

continued

Grade Span	Sessions	Reporting Category	Number of Students	Raw Score			Alpha	Standard Error
				Maximum	Mean	Standard Deviation		
7-8	1&2	Listening	1	5	2.78	1.24	0.98	0.69
		Speaking	4	20	9.68	4.89		
	2&3	Reading	20	26	15.38	5.00	0.80	2.25
		Writing	14	26	17.39	3.50	0.74	1.79
		Listening	1	5	4.25	0.80	0.95	0.73
		Speaking	4	20	15.97	3.27		
9-12	1&2	Reading	22	27	12.56	5.68	0.82	2.44
		Writing	13	24	13.07	5.78	0.88	2.03
		Listening	1	5	2.65	1.14	0.97	0.71
		Speaking	4	20	9.23	4.26		
	2&3	Reading	20	26	15.52	4.93	0.78	2.34
		Writing	14	26	17.64	4.13	0.74	2.11
		Listening	1	5	4.20	0.79	0.95	0.72
		Speaking	4	20	15.35	3.27		

**Table O-4. 2011-12 MEPA: Raw Score Descriptive Statistics, Cronbach's Alpha, and Standard Errors of Measurement (SEM) by Grade Span—Spring & Fall 2011**

Grade Span	Sessions	Number of Students	Raw Score			Alpha	Standard Error
			Maximum	Mean	Standard Deviation		
K-2	A	14,942	53	30.76	10.26	0.91	3.15
	B	9,941	59	44.37	8.44	0.89	2.77
3-4	1&2	4,057	76	47.43	16.83	0.95	3.64
	2&3	8,593	77	54.13	9.02	0.88	3.09
5-6	1&2	2,439	76	43.80	17.05	0.95	3.85
	2&3	7,162	77	55.47	9.86	0.89	3.22
7-8	1&2	1,964	76	38.71	16.06	0.95	3.75
	2&3	4,996	77	54.16	10.16	0.89	3.39
9-12	1&2	3,644	76	37.36	13.58	0.93	3.69
	2&3	7,407	77	51.36	10.68	0.89	3.61

**Table O-5. 2011-12 MEPA: Subgroup Reliabilities—Spring & Fall 2011**

Grade Span	Sessions	Subgroup	Number of Students	Raw Score			Alpha	Standard Error
				Maximum	Mean	Standard Deviation		
K-2	A	All Students	14,942	53	30.76	10.26	0.91	3.15
		Low Income	11,365	53	30.33	10.09	0.90	3.14
		African American	1,439	53	30.59	10.56	0.91	3.20
		Asian	2,762	53	32.01	10.20	0.91	3.06
		Hispanic	8,401	53	30.08	10.10	0.90	3.16
		Multi-race	134	53	32.20	10.48	0.92	3.04
		Native Americans	51	53	33.55	8.22	0.89	2.75
		Pacific Islander/Hawaiian	19	53	32.37	8.29	0.88	2.82
		White	2,074	53	32.13	10.22	0.91	3.10
		Female	6,974	53	31.56	10.15	0.90	3.13
		Male	7,906	53	30.14	10.23	0.91	3.15
		Plan 504	30	53	31.67	9.18	0.87	3.29
		Special Education	1,686	53	29.49	9.75	0.90	3.06
	Title I	11,425	53	30.18	10.12	0.90	3.17	
	B	All Students	9,941	59	44.37	8.44	0.89	2.77
		Low Income	7,648	59	43.91	8.36	0.89	2.78
		African American	1,072	59	42.95	9.18	0.90	2.84
		Asian	2,162	59	45.59	7.94	0.89	2.64
		Hispanic	5,182	59	43.74	8.46	0.89	2.81
		Multi-race	107	59	46.26	7.98	0.89	2.61
		Native Americans	32	59	45.66	9.09	0.91	2.68
		Pacific Islander/Hawaiian	13	59	44.85	8.41	0.90	2.71
		White	1,365	59	45.76	8.08	0.89	2.67
		Female	4,848	59	45.22	8.36	0.89	2.72
		Male	5,085	59	43.56	8.43	0.89	2.80
		Plan 504	17	59	43.29	7.34	0.83	3.04
Special Education		880	59	39.56	8.89	0.88	3.02	
Title I	7,829	59	43.89	8.59	0.89	2.80		
3-4	1&2	All Students	4,057	76	47.43	16.83	0.95	3.64
		Low Income	3,325	76	47.37	16.41	0.95	3.63
		African American	553	76	45.46	16.64	0.95	3.70
		Asian	607	76	51.33	15.47	0.95	3.36
		Hispanic	2,329	76	46.42	16.87	0.95	3.71
		Multi-race	35	76	52.83	15.20	0.95	3.40
		Native Americans	8	76				
		Pacific Islander/Hawaiian	9	76				
		White	488	76	50.47	16.22	0.95	3.46
		Female	1,843	76	48.45	16.82	0.95	3.62
	2&3	Male	2,186	76	46.89	16.51	0.95	3.63
		Plan 504	16	76	49.69	12.24	0.93	3.28
		Special Education	919	76	49.06	12.79	0.92	3.55
		Title I	3,262	76	46.62	16.91	0.95	3.68
		All Students	8,593	77	54.13	9.02	0.88	3.09
		Low Income	7,092	77	53.55	9.12	0.88	3.11
		African American	1,118	77	52.86	9.47	0.89	3.15
		Asian	1,688	77	56.72	8.56	0.87	3.05
		Hispanic	4,676	77	53.06	8.85	0.88	3.09

continued

Grade Span	Sessions	Subgroup	Number of Students	Raw Score			Alpha	Standard Error	
				Maximum	Mean	Standard Deviation			
3-4	2&3	Multi-race	86	77	54.59	9.86	0.90	3.09	
		Native Americans	19	77	57.89	6.85	0.83	2.86	
		Pacific Islander/Hawaiian	15	77	55.53	9.02	0.87	3.27	
		White	986	77	56.14	8.70	0.88	3.00	
		Female	4,197	77	55.39	8.75	0.88	3.08	
		Male	4,391	77	52.94	9.11	0.88	3.10	
		Plan 504	43	77	48.93	10.70	0.90	3.34	
		Special Education	1,106	77	48.04	9.57	0.88	3.29	
5-6	1&2	Title I	7,208	77	53.57	9.19	0.89	3.11	
		All Students	2,439	76	43.80	17.05	0.95	3.85	
		Low Income	2,062	76	43.92	16.62	0.95	3.82	
		African American	458	76	43.23	17.26	0.95	3.90	
		Asian	358	76	46.74	17.27	0.95	3.76	
		Hispanic	1,352	76	43.10	16.76	0.95	3.84	
		Multi-race	14	76	45.07	14.34	0.93	3.84	
		Native Americans	4	76					
		Pacific Islander/Hawaiian	5	76					
		White	221	76	46.81	16.17	0.95	3.66	
		Female	1,156	76	45.03	16.93	0.95	3.83	
		Male	1,256	76	43.06	16.87	0.95	3.83	
	Plan 504	5	76						
	Special Education	449	76	49.86	13.85	0.93	3.66		
	Title I	1,929	76	43.38	16.84	0.95	3.83		
	2&3	All Students	7,162	77	55.47	9.86	0.89	3.22	
		Low Income	6,152	77	54.89	9.94	0.89	3.24	
		African American	1,058	77	54.59	9.78	0.89	3.26	
		Asian	1,243	77	58.66	8.84	0.88	3.08	
		Hispanic	4,028	77	54.27	10.08	0.90	3.26	
Multi-race		58	77	55.22	8.90	0.88	3.09		
Native Americans		11	77	58.00	5.85	0.74	3.01		
Pacific Islander/Hawaiian		11	77	51.09	12.91	0.93	3.47		
White		748	77	57.95	8.78	0.88	3.08		
Female		3,286	77	56.80	9.49	0.89	3.21		
Male		3,871	77	54.35	10.03	0.90	3.21		
Plan 504		37	77	52.27	12.13	0.92	3.47		
Special Education		1,403	77	49.44	9.94	0.88	3.43		
Title I		5,897	77	54.97	10.01	0.90	3.23		
7-8		1&2	All Students	1,964	76	38.71	16.06	0.95	3.75
			Low Income	1,691	76	39.03	15.77	0.94	3.74
			African American	394	76	41.41	15.68	0.95	3.68
			Asian	239	76	40.68	14.76	0.94	3.62
	Hispanic		1,129	76	37.52	15.85	0.94	3.77	
	Multi-race		8	76					
	Native Americans		1	76					
	Pacific Islander/Hawaiian		2	76					
	White		166	76	40.20	17.89	0.96	3.78	
	Female		906	76	39.41	15.85	0.95	3.70	
	Male		1,033	76	38.57	16.02	0.94	3.77	
	2&3		All Students	1,964	76	38.71	16.06	0.95	3.75
		Low Income	1,691	76	39.03	15.77	0.94	3.74	
		African American	394	76	41.41	15.68	0.95	3.68	
		Asian	239	76	40.68	14.76	0.94	3.62	
		Hispanic	1,129	76	37.52	15.85	0.94	3.77	
		Multi-race	8	76					

continued



Grade Span	Sessions	Subgroup	Number of Students	Raw Score			Alpha	Standard Error		
				Maximum	Mean	Standard Deviation				
7-8	1&2	Plan 504	8	76						
		Special Education	203	76	43.13	16.80	0.95	3.76		
		Title I	1,382	76	38.18	15.46	0.94	3.74		
	2&3	All Students	4,996	77	54.16	10.16	0.89	3.39		
		Low Income	4,298	77	53.57	10.19	0.89	3.42		
		African American	906	77	52.66	10.83	0.90	3.45		
		Asian	836	77	57.37	9.20	0.88	3.24		
		Hispanic	2,692	77	53.27	9.99	0.88	3.40		
		Multi-race	34	77	50.97	11.59	0.90	3.58		
		Native Americans	10	77	59.90	8.39	0.88	2.96		
		Pacific Islander/Hawaiian	7	77						
		White	501	77	56.39	9.80	0.89	3.26		
		Female	2,289	77	55.25	9.86	0.88	3.36		
		Male	2,697	77	53.24	10.32	0.89	3.39		
		Plan 504	27	77	50.81	8.56	0.85	3.27		
		Special Education	1,079	77	49.62	9.86	0.87	3.53		
		Title I	3,262	77	54.24	9.30	0.87	3.37		
		9-12	1&2	All Students	3,644	76	37.36	13.58	0.93	3.69
				Low Income	3,019	76	37.59	13.45	0.93	3.68
				African American	797	76	37.82	12.63	0.92	3.65
Asian	508			76	38.55	12.76	0.92	3.59		
Hispanic	1,972			76	36.70	13.99	0.93	3.70		
Multi-race	23			76	37.57	12.94	0.92	3.62		
Native Americans	8			76						
Pacific Islander/Hawaiian	3			76						
White	282			76	40.47	13.67	0.93	3.64		
Female	1,644			76	38.02	13.40	0.93	3.65		
2&3	Male		1,949	76	37.05	13.63	0.93	3.71		
	Plan 504		18	76	44.00	12.07	0.91	3.64		
	Special Education		309	76	41.23	15.00	0.94	3.79		
	Title I		2,040	76	37.92	13.32	0.92	3.69		
	All Students		7,407	77	51.36	10.68	0.89	3.61		
	Low Income		6,098	77	50.83	10.57	0.88	3.63		
	African American		1,801	77	51.43	10.50	0.88	3.57		
	Asian		1,368	77	53.83	10.15	0.88	3.54		
	Hispanic		3,434	77	49.84	10.63	0.88	3.62		
	Multi-race		53	77	52.26	9.75	0.87	3.51		
2&3	Native Americans	8	77							
	Pacific Islander/Hawaiian	17	77	46.18	12.42	0.90	3.97			
	White	688	77	54.14	10.94	0.90	3.46			
	Female	3,491	77	52.43	10.44	0.88	3.58			
	Male	3,878	77	50.43	10.80	0.89	3.61			
	Plan 504	33	77	47.36	7.47	0.79	3.38			
	Special Education	847	77	45.70	10.59	0.88	3.65			
	Title I	3,558	77	51.31	10.62	0.88	3.66			

**Table O-6. 2011-12 MEPA: Reliabilities by Reporting Category—Spring & Fall 2011**

Grade Span	Sessions	Reporting Category	Number of Students	Raw Score			Alpha	Standard Error
				Maximum	Mean	Standard Deviation		
K-2	A	Reading	16	16	10.21	3.64	0.80	1.64
		Writing	8	12	5.65	3.41	0.82	1.45
		Listening	1	5	3.21	1.12		
		Speaking	4	20	11.69	4.42	0.97	0.76
	B	Reading	14	14	11.12	2.42	0.74	1.24
		Writing	12	20	13.84	4.19	0.83	1.72
		Listening	1	5	4.07	0.82		
		Speaking	4	20	15.34	3.23	0.95	0.73
3-4	1&2	Reading	22	27	16.91	6.45	0.89	2.11
		Writing	15	24	15.07	6.14	0.91	1.86
		Listening	1	5	3.28	1.21		
		Speaking	4	20	12.17	4.86	0.98	0.76
	2&3	Reading	20	26	15.90	4.37	0.79	1.98
		Writing	14	26	17.85	3.62	0.77	1.75
		Listening	1	5	4.23	0.73		
		Speaking	4	20	16.16	2.84	0.93	0.73
5-6	1&2	Reading	22	27	15.14	6.53	0.89	2.21
		Writing	15	24	15.25	5.67	0.88	1.94
		Listening	1	5	2.93	1.33		
		Speaking	4	20	10.49	5.28	0.98	0.70
	2&3	Reading	20	26	17.15	4.86	0.82	2.06
		Writing	14	26	17.59	3.67	0.76	1.79
		Listening	1	5	4.32	0.76		
		Speaking	4	20	16.40	3.14	0.95	0.71
7-8	1&2	Reading	22	27	13.89	5.91	0.85	2.30
		Writing	15	24	13.24	6.22	0.90	1.99
		Listening	1	5	2.59	1.19		
		Speaking	4	20	8.99	4.56	0.98	0.67
	2&3	Reading	20	26	16.47	4.92	0.81	2.16
		Writing	14	26	17.76	3.78	0.75	1.88
		Listening	1	5	4.20	0.80		
		Speaking	4	20	15.72	3.40	0.96	0.72
9-12	1&2	Reading	22	27	12.79	5.12	0.80	2.27
		Writing	15	24	12.39	5.27	0.85	2.01
		Listening	1	5	2.70	1.12		
		Speaking	4	20	9.47	4.15	0.97	0.71
	2&3	Reading	20	26	14.81	5.08	0.79	2.30
		Writing	14	26	17.27	4.30	0.76	2.12
		Listening	1	5	4.16	0.82		
		Speaking	4	20	15.11	3.30	0.95	0.74