

APPENDIX F—ITEM-LEVEL CLASSICAL STATISTICS

Table F-1. 2011-12 MEPA: Item-Level Classical Test Theory—Grade Span K–2, Spring 2012

<i>Level</i>	<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
	10001L	OR	0.66	0.72	0
	10002F	OR	0.61	0.74	0
	10003V	OR	0.60	0.74	0
	10004P	OR	0.62	0.72	0
	10005G	OR	0.57	0.74	0
	112913W	SA1	0.74	0.43	1
	136923R	MC	0.91	0.29	2
	160635R	MC	0.89	0.19	1
	164335R	MC	0.64	0.37	3
	184791R	MC	0.76	0.39	2
	184810R	MC	0.72	0.34	2
	185299R	MC	0.80	0.34	2
	185359W	SA2	0.40	0.64	3
	185398W	SA2	0.38	0.63	4
A	185495W	SA2	0.28	0.62	5
	185607W	MC	0.62	0.11	2
	186221R	MC	0.62	0.44	3
	187854R	MC	0.46	0.41	3
	187858R	MC	0.46	0.28	4
	187860R	MC	0.75	0.39	2
	187869R	MC	0.45	0.29	3
	187872R	MC	0.56	0.34	3
	187876R	MC	0.50	0.28	3
	189973R	MC	0.53	0.47	2
	195000W	MC	0.36	0.19	2
	197462R	MC	0.61	0.43	3
	199368R	MC	0.87	0.30	1
	200984W	SA1	0.86	0.41	1
	200989W	SA1	0.79	0.43	1
	10001L	OR	0.81	0.60	0
	10002F	OR	0.78	0.63	0
	10003V	OR	0.76	0.62	0
	10004P	OR	0.79	0.58	0
	10005G	OR	0.75	0.62	0
	136796R	MC	0.83	0.46	1
	136834R	MC	0.51	0.22	1
	136844R	MC	0.89	0.44	0
	136867R	MC	0.84	0.40	0
B	136871R	MC	0.89	0.43	0
	136978W	STW	0.62	0.64	1
	161095W	STW	0.58	0.60	3
	164429R	MC	0.86	0.42	0
	185531W	MC	0.87	0.35	0
	185611W	MC	0.79	0.42	1
	186105R	MC	0.89	0.39	0
	186196R	MC	0.79	0.33	0
	186253W	SA2	0.79	0.53	1

continued

<i>Level</i>	<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
	186258W	SA2	0.76	0.41	1
	186364W	SW	0.72	0.58	1
	186374W	SW	0.76	0.61	1
	187903R	MC	0.76	0.33	2
	187907R	MC	0.67	0.28	2
	187910R	MC	0.76	0.52	2
B	187912R	MC	0.65	0.37	2
	187914R	MC	0.62	0.34	2
	187917R	MC	0.56	0.33	3
	195014W	MC	0.70	0.37	0
	195019W	MC	0.76	0.38	0
	195022W	MC	0.72	0.48	0
	203695W	MC	0.76	0.40	0

MC = Multiple Choice; OR = Open Response; SA1 = Short Answer (1 point);
SA2 = Short Answer (2 points); SW = Sentence Writing; STW = Story Writing

Table F-2. 2011-12 MEPA: Item-Level Classical Test Theory—Grade Span 3–4, Spring 2012

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
10001L	OR	0.80	0.80	0
10002F	OR	0.77	0.82	0
10003V	OR	0.75	0.82	0
10004P	OR	0.78	0.78	0
10005G	OR	0.74	0.81	0
135785R	MC	0.78	0.58	0
135825W	MC	0.96	0.28	0
136114W	SW	0.58	0.60	3
164385W	SW	0.84	0.36	0
164450W	MC	0.85	0.28	0
164455W	MC	0.85	0.30	1
164458W	MC	0.89	0.26	1
186180R	MC	0.76	0.23	0
186209R	MC	0.84	0.54	1
186237R	MC	0.65	0.45	0
186252R	MC	0.68	0.52	0
186274R	MC	0.88	0.35	0
186294R	MC	0.84	0.56	0
186305R	MC	0.63	0.48	0
186353R	MC	0.78	0.35	0
186406R	SA2	0.69	0.52	3
186443R	SA2	0.68	0.60	4
186612W	SA2	0.87	0.61	1
186785W	WP	0.46	0.38	1
186790W	WP	0.40	0.54	1
186804W	SW	0.83	0.58	1
186817W	SW	0.80	0.37	0
186822W	MC	0.81	0.40	0
186934W	MC	0.89	0.47	0

continued

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
186952W	MC	0.83	0.44	0
186959W	WC	0.50	0.38	1
186980W	SW	0.75	0.49	2
186987W	SW	0.71	0.52	2
186992W	SW	0.71	0.61	2
187000W	SW	0.71	0.63	3
187116W	MC	0.49	0.25	0
191211R	MC	0.90	0.48	1
191244R	MC	0.86	0.54	1
191251R	MC	0.76	0.41	1
191266R	MC	0.86	0.52	1
191296R	SA2	0.63	0.48	2
191311R	MC	0.75	0.26	1
191320R	MC	0.40	0.08	1
191337R	MC	0.89	0.30	0
191370R	MC	0.85	0.28	0
191438R	MC	0.65	0.40	1
191485R	MC	0.84	0.52	1
191503R	MC	0.50	0.28	1
191505R	MC	0.87	0.47	1
191533R	SA2	0.58	0.44	2
191730R	MC	0.85	0.38	1
191744R	MC	0.49	0.22	1
191764R	MC	0.59	0.29	1
191770R	MC	0.80	0.34	1
195331R	SA2	0.56	0.55	4
197214R	OR	0.40	0.42	1
197757W	SA2	0.74	0.68	2
200156R	SA2	0.72	0.38	0

MC = Multiple Choice; OR = Open Response; SA2 = Short Answer (2 points); SW = Sentence Writing

Table F-3. 2011-12 MEPA: Item-Level Classical Test Theory—Grade Span 5–6, Spring 2012

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
10001L	OR	0.80	0.84	0
10002F	OR	0.77	0.85	0
10003V	OR	0.75	0.85	0
10004P	OR	0.77	0.82	0
10005G	OR	0.74	0.85	0
136131W	SW	0.51	0.64	5
162835R	MC	0.66	0.34	1
162840R	MC	0.76	0.23	1
162885R	OR	0.33	0.41	1
162918R	MC	0.70	0.25	1
162952R	MC	0.63	0.29	1
187888W	MC	0.72	0.15	1
187889W	MC	0.82	0.32	1
187890W	MC	0.45	0.20	1

continued

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
187893W	MC	0.51	0.24	1
187963R	MC	0.75	0.36	0
187973R	MC	0.54	0.53	0
187978R	MC	0.92	0.21	0
187992R	MC	0.78	0.39	0
187994R	MC	0.47	0.26	0
187997R	MC	0.65	0.28	0
187998R	MC	0.73	0.44	1
188318R	MC	0.55	0.39	1
188337R	MC	0.87	0.27	0
188461R	SA2	0.59	0.63	5
188482R	SA2	0.49	0.51	4
188665W	SA2	0.76	0.60	1
188725W	SA2	0.58	0.57	5
188842W	WP	0.46	0.34	0
188849W	SW	0.58	0.60	3
188852W	SW	0.69	0.62	2
188861W	SW	0.72	0.62	1
188875W	SW	0.70	0.61	2
188893W	MC	0.91	0.30	0
188963W	MC	0.61	0.35	1
189093W	MC	0.66	0.42	1
189123W	MC	0.75	0.41	0
189319W	SW	0.90	0.30	0
189323W	SW	0.89	0.30	0
189329W	SW	0.86	0.55	1
189336W	WP	0.49	0.54	1
189352W	WC	0.46	0.38	1
189405R	MC	0.63	0.43	1
189413R	MC	0.73	0.42	1
189424R	MC	0.72	0.39	1
189465R	MC	0.68	0.32	1
189492R	SA2	0.34	0.38	2
189728R	MC	0.80	0.25	0
189737R	MC	0.73	0.31	0
189746R	MC	0.84	0.25	0
189749R	SA2	0.74	0.30	0
189771R	MC	0.81	0.31	0
189818R	MC	0.66	0.15	1
189821R	MC	0.58	0.20	1
189828R	SA2	0.61	0.51	2
189857R	MC	0.74	0.38	1
189864R	MC	0.73	0.43	1
200017R	SA2	0.52	0.62	4

MC = Multiple Choice; OR = Open Response; SA2 = Short Answer (2 points); SW = Sentence Writing

Table F-4. 2011-12 MEPA: Item-Level Classical Test Theory—Grade Span 7–8, Spring 2012

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
10001L	OR	0.77	0.85	0
10002F	OR	0.73	0.87	0
10003V	OR	0.71	0.86	0
10004P	OR	0.71	0.83	0
10005G	OR	0.69	0.86	0
188193W	MC	0.87	0.23	1
188198W	MC	0.56	0.33	1
188210W	MC	0.70	0.16	1
188212W	MC	0.61	0.27	1
193924R	MC	0.75	0.45	0
193940R	MC	0.82	0.43	0
193959R	MC	0.71	0.39	0
193982R	MC	0.72	0.28	0
194000R	MC	0.56	0.35	1
194005R	MC	0.59	0.28	0
194026R	MC	0.68	0.47	0
194042R	MC	0.53	0.41	0
194103R	SA2	0.51	0.35	6
194114R	SA2	0.30	0.56	6
194163W	SA2	0.87	0.48	1
194196W	SW	0.70	0.60	3
194204W	SW	0.58	0.62	3
194214W	SW	0.61	0.63	3
194219W	SW	0.40	0.64	12
194225W	SW	0.64	0.62	5
194247W	WP	0.52	0.63	2
194278W	SW	0.87	0.58	1
194314W	MC	0.60	0.30	1
194323W	MC	0.63	0.23	1
194341W	MC	0.90	0.44	1
194349W	MC	0.73	0.36	1
194360W	SW	0.80	0.38	0
194379W	SW	0.83	0.36	0
194423W	WC	0.51	0.45	1
194665R	MC	0.66	0.47	1
194667R	MC	0.86	0.37	1
194669R	MC	0.65	0.37	1
194682R	MC	0.70	0.59	1
194732R	MC	0.46	0.30	1
194737R	MC	0.56	0.14	1
194740R	MC	0.62	0.28	1
194747R	MC	0.72	0.18	1
194845R	MC	0.47	0.17	1
194856R	MC	0.70	0.40	1
194858R	MC	0.47	0.30	1
194869R	MC	0.43	0.17	1
194871R	MC	0.68	0.30	1
194889R	MC	0.70	0.43	1

continued

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
194890R	SA2	0.62	0.53	3
194911R	MC	0.59	0.25	1
194912R	MC	0.51	0.23	1
196919R	SA2	0.39	0.35	1
196943R	OR	0.42	0.31	1
197048R	SA2	0.41	0.63	10
197084R	MC	0.57	0.48	0
197187W	SA2	0.65	0.53	5
197202W	WP	0.51	0.40	1
199962R	SA2	0.42	0.55	3

MC = Multiple Choice; OR = Open Response; SA2 = Short Answer (2 points); SW = Sentence Writing

Table F-5. 2011-12 MEPA: Item-Level Classical Test Theory—Grade Span 9–12, Spring 2012

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
10001L	OR	0.74	0.85	0
10002F	OR	0.69	0.85	0
10003V	OR	0.68	0.85	0
10004P	OR	0.66	0.81	0
10005G	OR	0.66	0.86	0
111308W	SW	0.56	0.61	3
111473R	MC	0.60	0.28	1
111540R	MC	0.43	0.25	2
136677W	MC	0.85	0.39	1
136685W	MC	0.82	0.46	1
137306W	SW	0.56	0.58	3
137312W	SW	0.58	0.57	3
185046R	MC	0.55	0.37	1
185076R	MC	0.60	0.43	1
185091R	MC	0.69	0.33	1
185095R	MC	0.39	0.38	1
185105R	MC	0.52	0.40	1
185108R	MC	0.68	0.33	1
185170R	SA2	0.40	0.50	5
185172R	SA2	0.50	0.53	5
185175R	SA2	0.44	0.54	3
185499W	SW	0.59	0.52	8
185509W	SW	0.47	0.49	7
185575W	WP	0.55	0.59	4
185606W	WP	0.62	0.37	2
185658W	SW	0.83	0.56	3
185722W	MC	0.64	0.34	1
185751W	MC	0.63	0.54	1
185802W	SW	0.79	0.33	2
185852W	SW	0.64	0.42	2
185893W	WC	0.53	0.36	4
190270R	MC	0.71	0.31	1
190289R	MC	0.64	0.40	1

continued

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
190294R	MC	0.73	0.45	1
190310R	MC	0.52	0.16	1
190341R	SA2	0.50	0.28	2
190397R	MC	0.68	0.18	1
190399R	MC	0.82	0.32	1
190402R	MC	0.62	0.34	1
190413R	MC	0.68	0.24	1
190425R	SA2	0.42	0.39	4
190569R	MC	0.62	0.29	1
190579R	MC	0.62	0.25	1
190598R	MC	0.58	0.31	1
190605R	MC	0.50	0.27	1
190615R	OR	0.42	0.36	4
190655R	MC	0.54	0.36	1
190676R	MC	0.62	0.42	1
190682R	MC	0.49	0.30	1
190690R	MC	0.64	0.40	1
190740R	SA2	0.53	0.49	4
192532W	MC	0.47	0.14	1
192536W	MC	0.63	0.11	1
192561W	MC	0.61	0.22	1
192568W	MC	0.77	0.31	1
199741R	MC	0.43	0.31	1
199851W	SA2	0.72	0.57	2
199922W	SA2	0.62	0.55	5

MC = Multiple Choice; OR = Open Response; SA2 = Short Answer (2 points); STW = Sentence Writing

Table F-6. 2011-12 MEPA: Item-Level Classical Test Theory—Grade Span K–2, Spring & Fall 2011

<i>Level</i>	<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
	10001L	OR	0.64	0.71	0
	10002F	OR	0.59	0.74	0
	10003V	OR	0.58	0.73	0
	10004P	OR	0.61	0.72	0
	10005G	OR	0.56	0.73	0
	160101R	MC	0.90	0.31	2
	160130R	MC	0.74	0.40	2
	160243R	MC	0.47	0.38	3
A	160261W	SA2	0.41	0.62	3
	160287R	MC	0.61	0.22	3
	160348R	MC	0.48	0.42	4
	160371W	SA1	0.67	0.36	1
	160374W	SA2	0.44	0.67	4
	160403R	MC	0.63	0.40	2
	160469W	SA1	0.77	0.36	1
	160485R	MC	0.78	0.35	3
	160525R	MC	0.92	0.34	1
	160508W	SA1	0.65	0.38	1

continued

<i>Level</i>	<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
A	160529R	MC	0.49	0.39	3
	160550W	SA1	0.74	0.43	1
	160566W	SA2	0.28	0.58	4
	160651R	MC	0.80	0.44	1
	160716W	SA2	0.28	0.60	5
	164496R	MC	0.70	0.39	3
	164499R	MC	0.52	0.37	3
	169945R	MC	0.45	0.30	4
	176863R	MC	0.65	0.46	2
	201429R	MC	0.54	0.36	2
	201431R	MC	0.53	0.40	2
	B	10001L	OR	0.81	0.60
10002F		OR	0.78	0.63	0
10003V		OR	0.76	0.63	0
10004P		OR	0.78	0.60	0
10005G		OR	0.75	0.62	0
136848R		MC	0.96	0.37	1
136854W		SA2	0.73	0.59	1
136869W		SA2	0.72	0.60	1
136947W		STW	0.53	0.54	3
151994R		MC	0.94	0.41	1
160276R		MC	0.93	0.32	1
160411R		MC	0.96	0.33	0
160472W		SA2	0.73	0.51	1
160647R		MC	0.91	0.40	1
160801R		MC	0.92	0.34	0
160849W		SA1	0.71	0.39	0
160876R		MC	0.88	0.38	1
160888R		MC	0.86	0.37	2
160899R		MC	0.72	0.44	2
160959W		STW	0.60	0.58	2
161084W		MC	0.76	0.29	1
161184R		MC	0.70	0.34	3
161211W		SA1	0.69	0.33	0
161289R		MC	0.40	0.28	3
161295R		MC	0.59	0.35	3
161313W		MC	0.73	0.41	0
161323W		SA1	0.71	0.38	0
161353R		MC	0.85	0.43	1
161376R		MC	0.47	0.27	4
161397W		SA1	0.74	0.28	0
161410W		SA2	0.87	0.51	1

MC = Multiple Choice; OR = Open Response; SA1 = Short Answer (1 point);
SA2 = Short Answer (2 points); SW = Sentence Writing

Table F-7. 2011-12 MEPA: Item-Level Classical Test Theory—Grade Span 3–4, Spring & Fall 2011

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
10001L	OR	0.78	0.82	0
10002F	OR	0.76	0.83	0
10003V	OR	0.73	0.83	0
10004P	OR	0.76	0.80	0
10005G	OR	0.72	0.83	0
135768R	MC	0.86	0.44	0
135778W	MC	0.76	0.39	1
135789R	MC	0.78	0.55	0
135792W	MC	0.63	0.27	1
135809R	MC	0.78	0.50	0
135830W	MC	0.92	0.31	0
135845R	MC	0.58	0.23	0
135854W	MC	0.84	0.54	1
135865W	MC	0.78	0.29	1
136103W	WP	0.50	0.36	1
136123W	SW	0.78	0.37	1
160132R	MC	0.86	0.33	0
160141R	SA2	0.70	0.67	3
160150R	MC	0.77	0.31	1
160153R	MC	0.66	0.29	1
160171R	MC	0.63	0.27	1
160179R	MC	0.83	0.35	1
160273W	WC	0.52	0.32	1
160277R	MC	0.68	0.49	1
160290R	MC	0.66	0.32	0
160297R	MC	0.41	0.22	1
160302R	MC	0.68	0.37	1
160305R	SA2	0.36	0.30	1
160326W	MC	0.82	0.46	1
160331W	MC	0.75	0.30	1
160366R	SA2	0.65	0.62	4
160391R	MC	0.80	0.41	9
160401R	MC	0.56	0.32	3
160570R	MC	0.69	0.37	1
160573R	SA2	0.70	0.62	5
160576R	MC	0.69	0.45	3
160588R	MC	0.57	0.31	2
160595R	SA2	0.51	0.55	3
160614W	MC	0.84	0.47	1
160641W	SW	0.87	0.29	1
160646W	WP	0.46	0.54	2
160723R	OR	0.28	0.36	1
160776R	MC	0.63	0.46	0
160798R	MC	0.85	0.32	1
164310R	MC	0.79	0.46	1
164664R	MC	0.68	0.20	1
164669R	MC	0.82	0.45	1
164726R	MC	0.81	0.41	1

continued

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
164736R	MC	0.85	0.52	1
164760R	SA2	0.50	0.47	2
203638W	SA1	0.86	0.51	2
203642W	SA1	0.75	0.59	3
203644W	SA1	0.48	0.56	9
203646W	SA1	0.87	0.44	2
203648W	SW	0.70	0.64	2
203650W	SW	0.70	0.67	2
203652W	SW	0.76	0.67	2
203654W	SW	0.59	0.61	3
203655W	SW	0.60	0.61	4
203670W	SW	0.82	0.58	1

MC = Multiple Choice; OR = Open Response; SA1 = Short Answer (1 point);
SA2 = Short Answer (2 points); SW = Sentence Writing

Table F-8. 2011-12 MEPA: Item-Level Classical Test Theory—Grade Span 5–6, Spring & Fall 2011

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
10001L	OR	0.79	0.86	0
10002F	OR	0.76	0.87	0
10003V	OR	0.74	0.86	0
10004P	OR	0.76	0.85	0
10005G	OR	0.73	0.86	0
111005W	SW	0.65	0.56	2
111010W	SW	0.86	0.33	1
111016W	MC	0.63	0.30	1
111053R	MC	0.67	0.31	1
111086W	SW	0.81	0.36	1
111183R	MC	0.90	0.37	0
111187R	MC	0.81	0.46	0
111277R	MC	0.69	0.28	1
111281R	MC	0.65	0.28	1
111282R	MC	0.85	0.38	1
111284R	SA2	0.55	0.35	1
136033R	MC	0.61	0.43	1
136077R	SA2	0.56	0.61	2
136134W	SW	0.65	0.64	4
136151W	SW	0.71	0.52	2
136211W	SA1	0.87	0.29	3
136222W	SA1	0.91	0.35	1
136231W	SA1	0.89	0.38	2
136270W	WP	0.50	0.41	1
136275W	WP	0.48	0.35	1
136286R	MC	0.73	0.38	1
136290R	MC	0.81	0.35	1
136299R	MC	0.67	0.26	1
136301R	MC	0.81	0.28	1
136317R	OR	0.32	0.40	2
162583R	SA2	0.69	0.54	3

continued

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
162598R	MC	0.85	0.47	0
162606R	MC	0.76	0.53	1
162616R	MC	0.75	0.50	1
162621R	MC	0.72	0.52	2
162708W	SA1	0.92	0.36	1
162732W	MC	0.75	0.49	1
162749W	SW	0.81	0.53	1
162814R	MC	0.57	0.45	1
162831R	MC	0.64	0.38	0
162836R	MC	0.57	0.55	0
162844R	SA2	0.47	0.63	4
162963W	SW	0.73	0.59	2
162966W	MC	0.76	0.36	1
163004R	MC	0.84	0.27	0
163019R	MC	0.85	0.53	1
163027R	MC	0.79	0.37	0
163039R	MC	0.63	0.37	1
163045R	MC	0.68	0.50	1
163046R	MC	0.66	0.33	2
163061R	SA2	0.66	0.60	2
163063R	MC	0.61	0.42	2
163065R	SA2	0.49	0.49	3
163072W	SW	0.58	0.72	7
163076W	MC	0.92	0.50	0
170390W	WP	0.52	0.60	2
206300W	MC	0.85	0.35	1
206302W	MC	0.52	0.19	1
206304W	MC	0.82	0.30	1
207158W	MC	0.77	0.28	1

MC = Multiple Choice; OR = Open Response; SA1 = Short Answer (1 point);
SA2 = Short Answer (2 points); SW = Sentence Writing

Table F-9. 2011-12 MEPA: Item-Level Classical Test Theory—Grade Span 7–8, Spring & Fall 2011

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
10001L	OR	0.75	0.86	0
10002F	OR	0.71	0.88	0
10003V	OR	0.69	0.87	0
10004P	OR	0.69	0.85	0
10005G	OR	0.68	0.87	0
111197R	MC	0.65	0.37	1
111201R	MC	0.81	0.49	1
111202W	WP	0.56	0.39	1
111206R	MC	0.71	0.39	1
111216R	MC	0.61	0.43	1
111246W	MC	0.62	0.47	1
111484R	MC	0.62	0.47	0
111486R	MC	0.85	0.29	1
111496R	MC	0.74	0.39	1

continued

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
111507R	SA2	0.61	0.59	3
136157R	MC	0.60	0.52	1
136169R	MC	0.73	0.41	1
136192W	SW	0.71	0.62	6
136224W	SW	0.63	0.67	5
136256R	MC	0.68	0.41	0
136266W	SA1	0.89	0.39	3
136274W	SA1	0.68	0.50	8
136641R	MC	0.68	0.41	1
136646R	MC	0.53	0.18	1
136648R	MC	0.81	0.29	1
136680R	OR	0.38	0.36	2
162193R	MC	0.43	0.44	0
162398R	MC	0.57	0.43	2
162418R	SA2	0.57	0.44	5
162423W	SA1	0.56	0.47	9
162426W	SW	0.62	0.59	5
162450W	SW	0.84	0.61	2
162496R	MC	0.57	0.40	1
162524W	SA1	0.74	0.51	6
162526W	SW	0.40	0.63	14
162528W	MC	0.91	0.49	0
162592R	MC	0.55	0.35	1
162613R	MC	0.76	0.28	1
162630W	SW	0.64	0.66	6
162637W	MC	0.68	0.38	1
162664W	SW	0.79	0.42	2
162669W	WP	0.50	0.65	4
162692R	MC	0.67	0.40	0
162699R	SA2	0.47	0.45	4
162705R	MC	0.64	0.44	2
162714R	MC	0.58	0.38	2
162724R	MC	0.52	0.23	2
162783W	SW	0.89	0.35	0
162811R	SA2	0.42	0.51	3
162815R	MC	0.54	0.20	1
162822R	MC	0.67	0.22	1
162839R	SA2	0.65	0.42	2
162883W	MC	0.54	0.31	1
162898W	WC	0.61	0.41	1
162958R	SA2	0.67	0.51	4
172255R	MC	0.63	0.29	1
206804W	MC	0.40	0.19	0
206806W	MC	0.84	0.26	0
206810W	MC	0.82	0.27	0
207470W	MC	0.43	0.16	1

MC = Multiple Choice; OR = Open Response; SA1 = Short Answer (1 point);
SA2 = Short Answer (2 points); SW = Sentence Writing

Table F-10. 2011-12 MEPA: Item-Level Classical Test Theory—Grade Span 9–12, Spring & Fall 2011

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
10001L	OR	0.74	0.84	0
10002F	OR	0.68	0.85	0
10003V	OR	0.67	0.85	0
10004P	OR	0.65	0.81	0
10005G	OR	0.65	0.85	0
111313W	MC	0.69	0.30	1
111314W	MC	0.85	0.25	1
111329W	SW	0.61	0.46	4
111347W	SW	0.46	0.52	6
111440W	SW	0.54	0.56	4
136579R	MC	0.50	0.31	2
136594R	MC	0.67	0.32	2
136596R	MC	0.52	0.26	2
136599R	MC	0.70	0.26	2
136602R	OR	0.36	0.44	5
136630R	MC	0.44	0.36	1
137336W	WP	0.62	0.36	4
162650R	MC	0.63	0.42	1
162915W	SW	0.49	0.52	5
162982W	WP	0.51	0.41	5
163003R	MC	0.66	0.25	1
163345R	MC	0.86	0.18	0
163371R	SA2	0.41	0.49	4
163386R	MC	0.65	0.25	2
163404R	MC	0.51	0.22	2
163420R	SA2	0.34	0.34	4
163431W	SA1	0.77	0.45	3
163593R	MC	0.69	0.18	2
163606R	MC	0.59	0.34	1
163609R	SA2	0.48	0.47	4
163613W	SA1	0.65	0.45	8
163623W	SW	0.81	0.38	2
163651R	MC	0.41	0.24	1
163652R	MC	0.69	0.32	0
163661R	MC	0.66	0.31	1
163669R	MC	0.63	0.28	1
163674R	MC	0.59	0.34	2
163683W	SA1	0.60	0.42	16
163693W	MC	0.79	0.48	1
163718W	SW	0.72	0.55	2
163747R	MC	0.63	0.32	1
163749R	MC	0.51	0.35	1
163797R	MC	0.62	0.20	2
163832W	SA1	0.56	0.33	6
163851W	MC	0.52	0.33	1
163852W	SW	0.46	0.54	8
163874W	SW	0.64	0.45	5
163875W	WP	0.52	0.66	5

continued

<i>Item Number</i>	<i>Item Type</i>	<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
168777R	MC	0.66	0.49	2
168786R	SA2	0.44	0.55	8
168858R	SA2	0.56	0.42	3
168947R	MC	0.56	0.29	3
168949R	MC	0.74	0.33	2
168956R	MC	0.49	0.39	3
168969R	MC	0.66	0.26	1
168982R	SA2	0.36	0.50	6
205948W	MC	0.75	0.16	1
205950W	MC	0.62	0.28	1
205951W	MC	0.61	0.20	1
205952W	MC	0.64	0.24	1

MC = Multiple Choice; OR = Open Response; SA1 = Short Answer (1 point);
SA2 = Short Answer (2 points); SW = Sentence Writing

Table F-11. 2011-12 MEPA: Item-Level Score Distributions for Constructed-Response Items by Subject and Grade Span—Spring 2012

<i>Grade Span</i>	<i>Item Number</i>	<i>Total Possible Points</i>	<i>Percent of Students at Score Point</i>					
			<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
K-2 Level A	10001L	5	0.72	5.14	14.93	34.81	31.85	12.55
	10002F	5	1.65	8.86	19.69	32.95	27.55	9.30
	10003V	5	1.45	8.26	19.70	38.92	24.52	7.15
	10004P	5	1.41	6.72	19.18	34.08	28.20	10.42
	10005G	5	2.17	9.06	25.01	33.30	24.03	6.43
	112913W	1	25.62	73.54				
	185359W	2	42.03	29.38	25.68			
	185398W	2	42.68	29.26	23.62			
	185495W	2	51.77	30.34	12.49			
	200984W	1	13.21	86.07				
200989W	1	19.51	79.40					
K-2 Level B	10001L	5	0.04	0.31	2.63	18.81	46.49	31.72
	10002F	5	0.08	0.68	5.17	22.11	46.05	25.90
	10003V	5	0.09	0.65	4.35	29.72	45.46	19.72
	10004P	5	0.08	0.54	4.17	23.50	44.78	26.93
	10005G	5	0.11	0.81	6.80	27.22	45.50	19.56
	136978W	3	5.20	21.65	52.88	19.26		
	161095W	3	4.29	22.46	58.29	11.71		
	186253W	2	6.64	28.16	64.52			
	186258W	2	8.21	28.31	62.05			
	186364W	2	11.57	30.62	57.02			
186374W	2	6.45	33.74	59.04				
3-4	10001L	5	0.47	1.90	4.39	17.37	41.70	34.17
	10002F	5	0.77	2.87	5.58	18.91	42.75	29.12
	10003V	5	0.69	2.59	5.77	25.86	44.10	20.99
	10004P	5	0.75	2.24	5.89	19.01	41.45	30.66
	10005G	5	0.93	2.92	7.50	23.39	45.25	20.01
	136114W	2	21.98	34.24	41.15			
	164385W	2	2.31	26.83	70.57			

continued

Grade Span	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
3-4	186406R	2	10.35	35.14	51.22			
	186443R	2	13.85	29.29	53.34			
	186612W	2	6.65	11.04	81.09			
	186785W	4	2.09	27.19	56.72	12.24	1.25	
	186790W	4	7.06	34.12	46.93	9.35	1.26	
	186804W	2	3.99	24.57	70.73			
	186817W	2	3.31	33.22	63.14			
	186959W	4	2.61	22.14	48.62	22.80	3.07	
	186980W	2	8.00	30.22	59.88			
	186987W	2	7.26	39.70	51.09			
	186992W	2	8.45	36.52	52.94			
	187000W	2	12.50	27.89	56.91			
	191296R	2	15.58	38.85	44.04			
	191533R	2	23.73	32.58	42.09			
	195331R	2	18.17	43.06	34.30			
	197214R	4	8.44	44.85	28.85	12.76	4.50	
	197757W	2	18.01	12.02	67.53			
	200156R	2	15.83	22.76	60.92			
5-6	10001L	5	0.58	2.50	5.98	15.89	36.45	38.60
	10002F	5	1.00	3.75	7.24	17.40	36.61	34.00
	10003V	5	0.89	3.70	7.03	23.26	39.21	25.92
	10004P	5	0.96	3.27	7.97	18.83	35.61	33.37
	10005G	5	1.29	3.67	9.07	20.29	40.62	25.06
	136131W	2	27.74	33.51	33.83			
	162885R	4	16.37	46.14	26.85	7.78	2.04	
	188461R	2	22.42	26.37	46.21			
	188482R	2	40.48	12.22	42.98			
	188665W	2	11.49	22.30	65.08			
	188725W	2	20.69	33.31	41.29			
	188842W	4	1.79	30.62	50.80	14.34	2.14	
	188849W	2	14.76	47.70	34.64			
	188852W	2	11.85	33.35	52.78			
	188861W	2	11.37	31.53	55.77			
	188875W	2	10.36	35.16	52.86			
	189319W	2	1.29	15.99	82.46			
	189323W	2	1.31	19.42	78.94			
	189329W	2	3.96	18.01	76.73			
	189336W	4	3.51	24.05	46.67	20.13	4.35	
189352W	4	1.81	32.42	45.87	16.38	2.85		
189492R	2	46.22	35.15	16.34				
189749R	2	12.42	26.24	61.00				
189828R	2	13.36	47.17	37.37				
200017R	2	30.08	27.42	38.67				
7-8	10001L	5	0.71	4.02	8.44	18.80	33.60	34.42
	10002F	5	1.49	6.10	9.82	20.71	32.99	28.90
	10003V	5	1.35	6.06	10.24	25.25	34.48	22.63
	10004P	5	1.41	5.54	11.29	23.80	32.07	25.89
	10005G	5	1.70	6.24	12.13	24.24	34.34	21.35

continued

Grade Span	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
7-8	194103R	2	19.96	46.57	27.31			
	194114R	2	46.02	35.47	12.56			
	194163W	2	6.35	11.11	81.19			
	194196W	2	13.41	27.66	56.28			
	194204W	2	17.56	44.17	35.67			
	194214W	2	14.81	42.97	39.32			
	194219W	2	24.36	46.27	16.96			
	194225W	2	17.36	27.26	50.43			
	194247W	4	4.29	13.59	45.27	33.52	0.97	
	194278W	2	4.01	15.60	79.11			
	194360W	2	1.24	35.93	62.45			
	194379W	2	1.08	31.69	66.79			
	194423W	4	2.26	20.01	47.82	25.41	3.22	
	194890R	2	21.54	27.87	47.57			
	196919R	2	33.38	52.37	13.12			
	196943R	4	12.87	34.16	28.31	17.00	6.35	
	197048R	2	37.57	21.61	30.67			
	197187W	2	13.61	32.27	48.92			
	197202W	4	1.47	19.14	52.93	25.20	0.52	
	199962R	2	38.49	31.65	26.36			
9-12	10001L	5	0.57	4.55	10.70	20.58	33.84	29.75
	10002F	5	1.08	7.41	12.91	23.82	32.92	21.86
	10003V	5	0.90	6.82	13.50	28.19	33.80	16.79
	10004P	5	0.89	6.62	15.31	29.22	32.47	15.50
	10005G	5	1.38	7.65	15.33	27.20	33.73	14.70
	111308W	2	10.60	61.67	24.70			
	137306W	2	16.15	48.43	32.28			
	137312W	2	16.93	45.38	34.83			
	185170R	2	37.16	35.00	22.87			
	185172R	2	24.23	42.33	28.73			
	185175R	2	40.41	24.62	31.67			
	185499W	2	12.18	42.02	37.66			
	185509W	2	19.29	53.32	20.37			
	185575W	4	6.04	12.86	35.50	29.43	12.37	
	185606W	4	1.23	6.40	42.92	36.00	11.46	
	185658W	2	6.98	14.15	75.95			
	185802W	2	5.71	28.10	64.69			
	185852W	2	17.03	33.79	47.12			
	185893W	4	2.50	17.18	43.43	23.85	9.53	
	190341R	2	35.75	22.95	38.97			
	190425R	2	33.79	41.24	21.17			
	190615R	4	10.90	29.50	33.55	17.08	4.90	
	190740R	2	20.03	44.70	31.12			
	199851W	2	8.33	35.03	54.15			
199922W	2	20.37	25.45	49.01				

Table F-12. 2011-12 MEPA: Item-Level Score Distributions for Constructed-Response Items by Subject and Grade Span—Spring & Fall 2011

Grade Span	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
K-2 Level A	10001L	5	1.20	6.18	16.46	33.94	30.61	11.61
	10002F	5	2.21	9.77	21.14	32.06	26.56	8.25
	10003V	5	1.91	9.60	20.79	37.77	23.63	6.29
	10004P	5	1.97	7.90	20.53	33.32	27.09	9.18
	10005G	5	2.92	10.25	25.63	32.85	22.23	6.13
	160261W	2	40.34	32.02	24.61			
	160371W	1	32.63	66.62				
	160374W	2	36.98	30.45	28.50			
	160469W	1	22.09	77.29				
	160508W	1	33.60	65.42				
	160550W	1	24.61	74.08				
	160566W	2	57.59	20.61	17.62			
	160716W	2	53.18	26.18	15.23			
	K-2 Level B	10001L	5	0.06	0.27	2.77	19.75	44.21
10002F		5	0.11	0.62	5.20	23.75	44.35	25.96
10003V		5	0.11	0.43	4.95	30.45	43.20	20.85
10004P		5	0.10	0.39	4.59	23.88	44.17	26.87
10005G		5	0.14	0.62	7.45	28.48	43.70	19.61
136854W		2	8.46	34.56	56.12			
136869W		2	8.88	36.18	54.33			
136947W		3	5.61	33.53	46.58	11.20		
160472W		2	11.55	29.65	58.22			
160849W		1	29.08	70.76				
160959W		3	6.26	22.44	52.36	17.33		
161211W		1	31.24	68.59				
161323W		1	28.78	71.06				
161397W		1	25.65	74.15				
161410W	2	5.40	14.15	79.73				
3-4	10001L	5	0.57	2.51	5.19	18.96	41.20	31.57
	10002F	5	0.97	3.61	6.46	20.04	42.10	26.81
	10003V	5	0.92	3.49	6.60	26.56	42.53	19.91
	10004P	5	0.92	2.96	6.85	20.17	41.17	27.91
	10005G	5	1.24	3.72	8.75	23.90	43.21	19.18
	136103W	4	0.77	20.37	59.00	15.76	3.10	
	136123W	2	5.85	31.32	62.31			
	160141R	2	16.02	22.73	58.22			
	160273W	4	0.78	22.29	49.58	20.03	6.62	
	160305R	2	31.94	61.90	5.19			
	160366R	2	19.00	22.38	54.15			
	160573R	2	12.74	24.33	57.85			
	160595R	2	11.23	69.53	16.23			
	160641W	2	2.09	20.94	76.04			
	160646W	4	3.68	25.91	49.28	16.11	3.26	
	160723R	4	27.31	42.50	19.95	6.94	2.33	
	164760R	2	17.68	59.77	20.13			
	203638W	1	11.95	86.20				

continued

Grade Span	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
3-4	203642W	1	21.54	75.45				
	203644W	1	43.60	47.89				
	203646W	1	11.04	87.11				
	203648W	2	12.42	31.23	54.30			
	203650W	2	11.56	33.60	53.24			
	203652W	2	10.65	22.28	65.17			
	203654W	2	24.11	27.11	45.48			
	203655W	2	22.26	29.13	45.11			
	203670W	2	4.27	24.98	69.76			
5-6	10001L	5	0.74	3.49	6.63	15.88	34.26	39.00
	10002F	5	1.31	5.09	7.99	16.91	34.99	33.70
	10003V	5	1.19	4.97	8.13	21.75	38.13	25.83
	10004P	5	1.14	4.59	8.95	18.20	33.97	33.16
	10005G	5	1.53	5.22	10.04	20.01	38.42	24.78
	111005W	2	11.11	44.16	43.13			
	111010W	2	2.00	22.98	74.43			
	111086W	2	2.05	33.06	64.31			
	111284R	2	19.45	50.11	29.46			
	136077R	2	26.36	30.79	40.75			
	136134W	2	16.36	28.70	51.05			
	136151W	2	9.76	34.69	53.96			
	136211W	1	10.25	87.08				
	136222W	1	7.79	91.31				
	136231W	1	9.55	88.93				
	136270W	4	2.51	19.37	54.96	19.42	2.90	
	136275W	4	1.35	24.69	54.31	15.53	3.31	
	136317R	4	24.94	35.69	25.17	9.29	3.24	
	162583R	2	13.04	30.42	53.87			
	162708W	1	6.85	92.05				
	162749W	2	3.55	27.26	67.73			
	162844R	2	33.50	31.28	30.87			
	162963W	2	9.18	31.61	57.52			
	163061R	2	15.57	32.23	50.18			
	163065R	2	21.49	53.31	22.09			
	163072W	2	22.80	24.40	46.08			
170390W	4	5.62	15.78	43.21	26.86	6.08		
7-8	10001L	5	0.88	4.78	9.12	20.30	33.75	31.16
	10002F	5	1.49	7.72	11.06	20.98	32.84	25.91
	10003V	5	1.29	7.64	11.19	26.02	34.28	19.57
	10004P	5	1.39	7.03	12.67	24.44	31.03	23.43
	10005G	5	1.74	7.64	13.45	23.84	34.67	18.66
	111202W	4	1.52	7.95	56.06	28.20	4.82	
	111507R	2	13.39	44.31	38.92			
	136192W	2	11.91	22.30	59.73			
	136224W	2	16.96	29.84	48.57			
	136266W	1	7.38	89.36				
	136274W	1	24.64	67.72				
	136680R	4	12.47	33.91	39.59	9.81	2.52	

continued

Grade Span	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
7-8	162418R	2	17.84	39.43	37.66			
	162423W	1	35.08	56.42				
	162426W	2	14.56	37.17	43.53			
	162450W	2	4.89	18.64	74.44			
	162524W	1	19.96	74.08				
	162526W	2	27.49	36.46	21.79			
	162630W	2	13.80	32.18	48.32			
	162664W	2	4.88	29.24	64.29			
	162669W	4	6.72	15.23	42.87	24.54	6.32	
	162699R	2	30.65	37.42	28.11			
	162783W	2	1.18	18.21	80.18			
	162811R	2	33.15	43.33	20.06			
	162839R	2	16.63	33.21	48.64			
	162898W	4	1.34	7.73	47.00	29.86	12.75	
	162958R	2	10.85	35.34	49.39			
9-12	10001L	5	0.72	4.05	11.25	22.36	33.37	28.24
	10002F	5	1.26	6.79	14.03	25.60	32.35	19.97
	10003V	5	1.07	6.22	13.96	29.83	34.30	14.61
	10004P	5	1.06	5.75	16.65	31.56	31.54	13.44
	10005G	5	1.37	6.82	17.48	28.53	33.10	12.70
	111329W	2	4.94	60.65	30.65			
	111347W	2	32.16	31.48	30.27			
	111440W	2	12.35	57.85	25.49			
	136602R	4	20.80	27.88	27.97	13.00	4.93	
	137336W	4	1.97	8.32	32.48	37.01	16.21	
	162915W	2	17.62	56.81	20.83			
	162982W	4	2.47	17.90	45.78	23.26	5.94	
	163371R	2	30.71	48.79	16.90			
	163420R	2	42.96	37.57	15.50			
	163431W	1	19.92	76.89				
	163609R	2	20.64	54.47	21.26			
	163613W	1	27.28	64.87				
	163623W	2	5.39	23.67	69.35			
	163683W	1	23.74	60.35				
	163718W	2	5.97	39.36	52.45			
	163832W	1	38.34	55.79				
	163852W	2	20.28	52.66	19.35			
	163874W	2	11.18	41.14	43.13			
	163875W	4	5.38	15.53	38.60	27.49	8.31	
	168786R	2	30.16	34.78	27.08			
168858R	2	11.14	58.86	27.00				
168982R	2	34.96	44.90	13.91				