

Appendix E: Correlations of Items to Performance Levels and Scaled Scores

Grade 3 Math

	Level A		Level B		Level C	
Task 3	Math Performance Level	Math Scaled Score	Math Performance Level	Math Scaled Score	Math Performance Level	Math Scaled Score
Component #						
1	0.282	0.425	0.396	0.504	0.416	0.441
2	0.614	0.689	0.330	0.551	0.125	0.153
3	0.585	0.707	0.404	0.551	0.553	0.432
4	0.591	0.691	0.392	0.570	0.533	0.430
5	0.572	0.708	0.339	0.534	0.440	0.469
6	0.573	0.651	0.343	0.469	0.395	0.448
7	0.454	0.583	0.396	0.485	0.215	0.198
8	0.594	0.672	0.449	0.576	0.469	0.376
9	0.384	0.530	0.248	0.399	0.298	0.379
10	0.506	0.576	0.309	0.432	0.483	0.400
Task 4						
Component #						
1	0.241	0.388	0.357	0.548	0.486	0.446
2	0.576	0.717	0.441	0.546	0.619	0.401
3	0.603	0.691	0.350	0.427	0.346	0.368
4	0.604	0.726	0.419	0.598	0.485	0.353
5	0.639	0.771	0.247	0.314	0.195	0.169
6	0.506	0.616	0.494	0.485	0.619	0.451
7	0.579	0.708	0.358	0.497	0.415	0.542
8	0.586	0.734	0.381	0.485	0.425	0.299
9	0.443	0.591	0.340	0.495	0.508	0.514
10	0.537	0.656	0.340	0.349	0.368	0.329

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Grade 5 Math

	Level A		Level B		Level C	
Task 3	Math Performance Level	Math Scaled Score	Math Performance Level	Math Scaled Score	Math Performance Level	Math Scaled Score
Component #						
1	0.265	0.486	0.191	0.266	0.386	0.402
2	0.631	0.761	0.424	0.525	0.401	0.484
3	0.579	0.669	0.434	0.500	0.203	0.197
4	0.593	0.689	0.285	0.406	0.412	0.460
5	0.546	0.641	0.445	0.548	0.348	0.350
6	0.509	0.651	0.436	0.536	0.473	0.410
7	0.634	0.717	0.368	0.550	0.563	0.554
8	0.598	0.721	0.280	0.435	0.587	0.535
9	0.551	0.681	0.399	0.500	0.530	0.556
10	0.603	0.692	0.424	0.563	0.500	0.467
Task 4						
Component #						
1	0.245	0.474	0.477	0.679	0.331	0.243
2	0.611	0.760	0.417	0.599	0.564	0.475
3	0.545	0.664	0.490	0.568	0.203	0.184
4	0.522	0.625	0.324	0.403	0.441	0.397
5	0.653	0.723	0.487	0.548	0.495	0.460
6	0.637	0.761	0.385	0.523	0.342	0.240
7	0.685	0.752	0.346	0.495	0.597	0.560
8	0.611	0.693	0.407	0.537	0.425	0.410
9	0.544	0.709	0.312	0.419	0.291	0.201
10	0.646	0.750	0.392	0.540	0.577	0.525

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Grade 8 Math

	Level A		Level B		Level C	
Task 3	Math Performance Level	Math Scaled Score	Math Performance Level	Math Scaled Score	Math Performance Level	Math Scaled Score
Component #						
1	0.257	0.430	0.362	0.454	0.389	0.483
2	0.627	0.736	0.258	0.533	0.286	0.259
3	0.717	0.833	0.379	0.498	0.444	0.420
4	0.570	0.698	0.270	0.521	0.563	0.552
5	0.629	0.752	0.443	0.599	0.570	0.590
6	0.715	0.820	0.285	0.485	0.318	0.288
7	0.641	0.778	0.409	0.632	0.509	0.512
8	0.522	0.639	0.389	0.569	0.472	0.482
9	0.618	0.702	0.389	0.645	0.513	0.492
10	0.648	0.735	0.432	0.555	0.296	0.373
Task 4						
Component #						
1	0.350	0.537	0.410	0.525	0.276	0.290
2	0.667	0.825	0.292	0.557	0.544	0.514
3	0.672	0.812	0.264	0.380	0.362	0.311
4	0.734	0.815	0.440	0.568	0.544	0.468
5	0.632	0.778	0.214	0.386	0.493	0.473
6	0.734	0.803	0.475	0.610	0.466	0.457
7	0.703	0.791	0.396	0.552	0.387	0.365
8	0.667	0.777	0.486	0.627	0.188	0.222
9	0.578	0.683	0.347	0.529	0.561	0.559
10	0.542	0.679	0.418	0.546	0.412	0.420
11	-	-	0.298	0.452	-	-

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Grade 11 Math

	Level A		Level B		Level C	
Task 3	Math Performance Level	Math Scaled Score	Math Performance Level	Math Scaled Score	Math Performance Level	Math Scaled Score
Component #						
1	0.351	0.552	0.342	0.440	0.361	0.404
2	0.633	0.737	0.327	0.519	0.064	0.084
3	0.561	0.652	0.519	0.648	0.587	0.608
4	0.658	0.827	0.446	0.522	0.498	0.497
5	0.638	0.752	0.365	0.526	0.584	0.543
6	0.607	0.697	0.464	0.634	0.417	0.419
7	0.675	0.813	0.520	0.614	0.610	0.622
8	0.638	0.740	0.306	0.460	0.469	0.523
9	0.648	0.801	0.539	0.676	0.434	0.407
10	0.576	0.665	0.373	0.416	0.596	0.564
11	-	-	-	-	0.373	0.358
Task 4						
Component #						
1	0.389	0.627	0.293	0.475	0.211	0.250
2	0.614	0.743	0.257	0.434	0.605	0.575
3	0.650	0.825	0.355	0.568	0.599	0.571
4	0.705	0.800	0.490	0.646	0.411	0.438
5	0.610	0.707	0.453	0.656	0.444	0.448
6	0.668	0.791	0.309	0.433	0.516	0.504
7	0.644	0.804	0.206	0.318	0.390	0.348
8	0.689	0.794	0.483	0.600	0.337	0.260
9	0.608	0.716	0.348	0.464	0.594	0.530
10	0.632	0.717	0.421	0.585	0.563	0.544
11	-	-	-	-	0.595	0.611

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Grade 3 Reading

	Level A		Level B		Level C	
Task 1	Reading Performance Level	Reading Scaled Score	Reading Performance Level	Reading Scaled Score	Reading Performance Level	Reading Scaled Score
Component #						
1	0.207	0.375	0.368	0.501	0.451	0.317
2	0.521	0.603	0.348	0.467	0.426	0.355
3	0.587	0.715	0.500	0.628	0.359	0.397
4	0.575	0.686	0.379	0.473	0.352	0.271
5	0.549	0.702	0.224	0.297	0.535	0.434
6	0.485	0.607	0.573	0.681	0.400	0.399
7	0.607	0.708	0.399	0.496	0.413	0.368
8	0.567	0.683	0.322	0.481	0.459	0.366
9	0.575	0.692	0.550	0.661	0.487	0.428
10	0.499	0.570	0.387	0.522	0.435	0.447
11	-	-	-	-	0.345	0.355
Task 2						
Component #						
1	0.277	0.497	0.262	0.305	0.468	0.452
2	0.584	0.682	0.469	0.569	0.386	0.448
3	0.522	0.649	0.365	0.487	0.295	0.240
4	0.501	0.610	0.473	0.581	0.329	0.314
5	0.499	0.624	0.379	0.480	0.445	0.348
6	0.577	0.688	0.472	0.611	0.376	0.346
7	0.561	0.673	0.414	0.512	0.418	0.472
8	0.548	0.654	0.373	0.473	0.375	0.262
9	0.569	0.695	0.476	0.600	0.477	0.482
10	0.542	0.629	0.348	0.433	0.524	0.515

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Grade 5 Reading

	Level A		Level B		Level C	
Task 1	Reading Performance Level	Reading Scaled Score	Reading Performance Level	Reading Scaled Score	Reading Performance Level	Reading Scaled Score
Component #						
1	0.215	0.467	0.366	0.508	0.595	0.507
2	0.648	0.755	0.423	0.546	0.552	0.519
3	0.598	0.724	0.466	0.571	0.397	0.444
4	0.493	0.662	0.310	0.473	0.578	0.513
5	0.622	0.754	0.532	0.629	0.650	0.509
6	0.601	0.723	0.336	0.447	0.460	0.419
7	0.533	0.684	0.465	0.558	0.471	0.433
8	0.490	0.648	0.331	0.452	0.507	0.546
9	0.515	0.695	0.431	0.518	0.402	0.349
10	0.526	0.658	0.373	0.475	0.325	0.405
Task 2						
Component #						
1	0.274	0.496	0.326	0.476	0.418	0.330
2	0.620	0.736	0.340	0.431	0.533	0.528
3	0.630	0.771	0.474	0.529	0.244	0.215
4	0.630	0.772	0.336	0.511	0.394	0.400
5	0.668	0.769	0.429	0.530	0.271	0.246
6	0.567	0.741	0.288	0.368	0.594	0.478
7	0.621	0.694	0.397	0.517	0.469	0.454
8	0.656	0.725	0.409	0.536	0.407	0.378
9	0.595	0.692	0.340	0.482	0.419	0.422
10	0.669	0.743	0.297	0.427	0.434	0.368
11	-	-	-	-	0.339	0.357

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Grade 8 Reading

	Level A		Level B		Level C	
Task 1	Reading Performance Level	Reading Scaled Score	Reading Performance Level	Reading Scaled Score	Reading Performance Level	Reading Scaled Score
Component #						
1	0.263	0.446	0.348	0.536	0.348	0.337
2	0.673	0.825	0.487	0.629	0.627	0.584
3	0.700	0.790	0.322	0.483	0.657	0.551
4	0.636	0.789	0.331	0.513	0.648	0.555
5	0.666	0.813	0.502	0.587	0.412	0.430
6	0.651	0.733	0.332	0.458	0.510	0.495
7	0.666	0.811	0.535	0.655	0.460	0.433
8	0.668	0.835	0.428	0.528	0.485	0.405
9	0.710	0.797	0.377	0.492	0.434	0.454
10	0.597	0.686	0.347	0.429	0.467	0.499
Task 2						
Component #						
1	0.284	0.477	0.550	0.657	0.537	0.452
2	0.686	0.851	0.554	0.648	0.562	0.505
3	0.599	0.693	0.367	0.518	0.407	0.401
4	0.682	0.821	0.462	0.539	0.507	0.476
5	0.654	0.818	0.329	0.497	0.444	0.419
6	0.645	0.804	0.523	0.624	0.432	0.409
7	0.696	0.827	0.524	0.657	0.505	0.475
8	0.680	0.830	0.371	0.527	0.321	0.555
9	0.686	0.847	0.475	0.570	0.539	0.465
10	0.583	0.712	0.359	0.511	0.434	0.473

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Grade 11 Reading

	Level A		Level B		Level C	
Task 1	Reading Performance Level	Reading Scaled Score	Reading Performance Level	Reading Scaled Score	Reading Performance Level	Reading Scaled Score
Component #						
1	0.314	0.544	0.386	0.528	0.523	0.521
2	0.675	0.816	0.378	0.584	0.381	0.378
3	0.681	0.825	0.388	0.481	0.363	0.475
4	0.670	0.801	0.217	0.324	0.439	0.424
5	0.642	0.775	0.398	0.550	0.607	0.562
6	0.629	0.692	0.407	0.581	0.443	0.452
7	0.678	0.806	0.387	0.586	0.579	0.559
8	0.613	0.777	0.396	0.456	0.447	0.441
9	0.696	0.846	0.294	0.357	0.511	0.508
10	0.620	0.744	0.351	0.455	0.394	0.349
11	-	-	-	-	0.422	0.410
Task 2						
Component #						
1	0.384	0.615	0.491	0.655	0.429	0.384
2	0.733	0.846	0.249	0.306	0.410	0.354
3	0.693	0.839	0.482	0.640	0.391	0.325
4	0.669	0.838	0.302	0.498	0.301	0.280
5	0.694	0.833	0.337	0.555	0.490	0.510
6	0.640	0.770	0.349	0.468	0.553	0.558
7	0.644	0.761	0.482	0.604	0.464	0.381
8	0.612	0.703	0.391	0.647	0.375	0.405
9	0.629	0.736	0.323	0.407	0.438	0.416
10	0.632	0.743	0.354	0.376	0.308	0.355
11	-	-	0.245	0.285	0.381	0.423