

Appendix D
Kindergarten, First Grade, and Second Grade *TerraNova* Data

Kindergarten *TerraNova* Data

Poverty Variable		Reading SS	Reading Comprehension SS	Language SS
No	Mean	552.20	562.14	559.82
	N	2954	14	2968
	Std. Deviation	38.998	38.434	46.547
Yes	Mean	544.86	541.73	550.25
	N	2235	11	2246
	Std. Deviation	40.901	21.119	45.262
Total	Mean	549.04	553.16	555.70
	N	5189	25	5214
	Std. Deviation	39.990	33.060	46.237

Gender Variable		Reading SS	Reading Comprehension SS	Language SS
Male	Mean	546.16	549.64	551.85
	N	2122	11	2133
	Std. Deviation	40.138	37.235	46.518
Female	Mean	551.71	555.93	559.00
	N	1994	14	2008
	Std. Deviation	39.670	30.537	44.166
Total	Mean	548.85	553.16	555.31
	N	4116	25	4141
	Std. Deviation	40.003	33.060	45.528

Disabled		Reading SS	Language SS
No	Mean	543.19	552.75
	N	1638	1638
	Std. Deviation	39.637	44.469
Yes	Mean	534.37	534.67
	N	171	171
	Std. Deviation	43.493	49.711
Total	Mean	542.36	551.04
	N	1809	1809
	Std. Deviation	40.088	45.285

Migrant Student		Reading SS	Language SS
No	Mean	541.10	551.12
	N	1514	1514
	Std. Deviation	39.965	45.939
Yes	Mean	554.57	565.11
	N	28	28
	Std. Deviation	20.271	30.749
Total	Mean	541.35	551.37
	N	1542	1542
	Std. Deviation	39.732	45.740

English Second Language Student		Reading SS	Language SS
No	Mean	542.00	553.01
	N	1044	1044
	Std. Deviation	37.948	46.412
Yes	Mean	533.79	540.02
	N	195	195
	Std. Deviation	43.432	44.605
Total	Mean	540.71	550.97
	N	1239	1239
	Std. Deviation	38.958	46.357

Eligible for Special Education		Reading SS	Reading Comprehension SS	Language SS
No	Mean	547.82	560.57	556.19
	N	2154	21	2175
	Std. Deviation	39.078	28.769	43.517
Yes	Mean	536.36	514.25	535.65
	N	181	4	185
	Std. Deviation	43.573	28.687	52.193
Total	Mean	546.93	553.16	554.58
	N	2335	25	2360
	Std. Deviation	39.553	33.060	44.589

Race Variable		Reading SS	Reading Comprehension SS	Language SS
Asian	Mean	551.38		562.29
	N	34		34
	Std. Deviation	42.112		40.925
Black	Mean	546.26		548.97
	N	1550		1550
	Std. Deviation	45.223		50.205
Hispanic	Mean	539.17	476.00	542.62
	N	359	1	360
	Std. Deviation	41.516	.	41.619
White	Mean	552.55	556.38	562.12
	N	2133	24	2157
	Std. Deviation	34.976	29.510	41.297
Other	Mean	542.91		543.51
	N	35		35
	Std. Deviation	38.007		46.255
Total	Mean	548.92	553.16	555.34
	N	4111	25	4136
	Std. Deviation	39.998	33.060	45.493

First Grade *TerraNova* Data

Poverty Variable		Reading SS	Vocabulary SS	Reading Comprehension SS	Language SS
No	Mean	593.37	564.51	572.22	596.16
	N	2897	2777	1365	2904
	Std. Deviation	40.107	50.465	43.039	42.647
Yes	Mean	586.37	554.28	570.33	589.10
	N	2390	2297	1332	2416
	Std. Deviation	41.305	51.137	43.145	43.331
Total	Mean	590.21	559.88	571.29	592.96
	N	5287	5074	2697	5320
	Std. Deviation	40.798	51.021	43.093	43.098

Gender Variable		Reading SS	Vocabulary SS	Reading Comprehension SS	Language SS
Male	Mean	587.99	556.10	570.05	589.18
	N	2260	2150	1209	2278
	Std. Deviation	41.977	52.383	44.463	43.196
Female	Mean	594.56	564.75	575.60	598.32
	N	2199	2114	1203	2214
	Std. Deviation	39.289	49.310	40.924	42.362
Total	Mean	591.23	560.39	572.82	593.69
	N	4459	4264	2412	4492
	Std. Deviation	40.802	51.060	42.816	43.026

Disabled		Reading SS	Vocabulary SS	Reading Comprehension SS	Language SS
No	Mean	587.11	557.63	564.43	590.58
	N	1660	1594	705	1685
	Std. Deviation	40.881	51.453	43.128	43.222
Yes	Mean	572.58	541.35	561.46	571.21
	N	254	241	139	257
	Std. Deviation	45.120	52.215	41.707	42.993
Total	Mean	585.19	555.49	563.94	588.02
	N	1914	1835	844	1942
	Std. Deviation	41.749	51.832	42.887	43.677

Migrant Student		Reading SS	Vocabulary SS	Reading Comprehension SS	Language SS
No	Mean	585.19	555.34	563.72	588.53
	N	1633	1589	672	1665
	Std. Deviation	41.196	50.917	42.106	42.874
Yes	Mean	580.30	557.58	560.56	585.55
	N	33	33	9	33
	Std. Deviation	35.760	43.943	41.515	31.644
Total	Mean	585.09	555.38	563.68	588.48
	N	1666	1622	681	1698
	Std. Deviation	41.092	50.774	42.070	42.679

English Second Language Student		Reading SS	Vocabulary SS	Reading Comprehension SS	Language SS
No	Mean	586.55	556.73	562.95	589.19
	N	1114	1062	531	1116
	Std. Deviation	43.611	51.561	43.170	44.516
Yes	Mean	575.46	536.77	559.05	573.87
	N	177	176	106	177
	Std. Deviation	36.669	51.454	42.243	38.226
Total	Mean	585.03	553.89	562.30	587.10
	N	1291	1238	637	1293
	Std. Deviation	42.883	51.995	43.009	44.011

Eligible for Special Education		Reading SS	Vocabulary SS	Reading Comprehension SS	Language SS
No	Mean	590.94	561.49	570.42	594.34
	N	2025	1936	877	2037
	Std. Deviation	41.121	50.910	43.364	42.726
Yes	Mean	567.00	538.85	558.02	566.87
	N	224	217	100	224
	Std. Deviation	47.044	54.210	41.549	45.301
Total	Mean	588.55	559.21	569.15	591.62
	N	2249	2153	977	2261
	Std. Deviation	42.348	51.691	43.325	43.755

Race Variable		Reading SS	Vocabulary SS	Reading Comprehension SS	Language SS
Asian	Mean	587.45	557.83	570.41	592.60
	N	40	40	32	40
	Std. Deviation	34.270	61.006	39.867	42.879
Black	Mean	585.67	550.94	567.57	586.04
	N	1667	1634	1210	1682
	Std. Deviation	44.175	53.624	45.306	45.972
Hispanic	Mean	578.29	540.36	560.22	576.08
	N	344	342	239	344
	Std. Deviation	35.300	48.506	38.472	38.191
White	Mean	597.10	570.42	583.15	601.52
	N	2374	2214	916	2392
	Std. Deviation	38.351	46.814	38.352	39.786
Other	Mean	581.11	552.63	570.17	588.37
	N	19	19	6	19
	Std. Deviation	30.395	52.826	50.126	38.263
Total	Mean	591.20	560.31	572.82	593.61
	N	4444	4249	2403	4477
	Std. Deviation	40.879	51.003	42.852	43.031

Second Grade *TerraNova* Data

Poverty Variable		Reading SS	Vocabulary SS	Reading Comprehension SS	Language SS	Lang Mech SS	Language Comprehension SS
No	Mean	619.14	601.86	601.14	623.29	613.40	615.28
	N	2192	2102	1128	2199	1785	848
	Std. Deviation	40.580	44.237	40.883	42.238	35.617	37.013
Yes	Mean	611.21	593.03	598.85	617.02	608.58	616.33
	N	2679	2600	1446	2692	2051	965
	Std. Deviation	36.164	41.229	36.760	39.047	35.342	34.942
Total	Mean	614.78	596.98	599.86	619.84	610.82	615.84
	N	4871	4702	2574	4891	3836	1813
	Std. Deviation	38.414	42.821	38.630	40.628	35.547	35.919

Gender Variable		Reading SS	Vocabulary SS	Reading Comprehension SS	Language SS	Lang Mech SS	Language Comprehension SS
Male	Mean	612.33	596.20	598.81	616.77	607.51	613.35
	N	2342	2266	1239	2350	1865	877
	Std. Deviation	38.071	44.133	39.591	40.638	34.882	35.917
Female	Mean	619.44	600.40	604.02	625.56	615.95	620.83
	N	2144	2066	1132	2155	1699	818
	Std. Deviation	37.173	41.120	36.061	39.609	35.630	34.694
Total	Mean	615.73	598.20	601.29	620.98	611.53	616.96
	N	4486	4332	2371	4505	3564	1695
	Std. Deviation	37.807	42.769	38.028	40.384	35.487	35.519

Disabled		Reading SS	Vocabulary SS	Reading Comprehension SS	Language SS	Lang Mech SS	Language Comprehension SS
No	Mean	618.84	601.01	601.79	624.14	613.67	620.08
	N	2390	2347	1118	2407	1870	722
	Std. Deviation	36.194	41.085	36.360	39.078	33.888	33.011
Yes	Mean	601.77	586.24	596.00	607.81	601.45	610.32
	N	337	328	204	338	283	170
	Std. Deviation	40.591	46.413	42.299	42.455	38.789	38.623
Total	Mean	616.73	599.20	600.90	622.13	612.07	618.22
	N	2727	2675	1322	2745	2153	892
	Std. Deviation	37.185	42.046	37.380	39.864	34.809	34.343

Migrant Student		Reading SS	Vocabulary SS	Reading Comprehension SS	Language SS	Lang Mech SS	Language Comprehension SS
No	Mean	617.06	599.02	599.40	622.07	612.03	615.59
	N	2422	2354	1078	2442	1861	675
	Std. Deviation	37.141	41.857	37.148	39.312	34.288	32.983
Yes	Mean	595.77	573.73	612.25	605.23	588.81	610.67
	N	30	30	4	30	27	3
	Std. Deviation	43.499	42.190	24.185	42.876	44.522	6.429
Total	Mean	616.80	598.70	599.45	621.86	611.70	615.56
	N	2452	2384	1082	2472	1888	678
	Std. Deviation	37.289	41.947	37.109	39.391	34.551	32.914

English Second Language Student		Reading SS	Vocabulary SS	Reading Comprehension SS	Language SS	Lang Mech SS	Language Comprehension SS
No	Mean	610.44	591.37	591.23	614.40	604.81	611.57
	N	979	951	483	982	649	224
	Std. Deviation	40.332	46.071	40.435	41.311	32.077	33.920
Yes	Mean	596.98	574.57	585.84	605.25	596.50	606.93
	N	133	133	70	133	106	45
	Std. Deviation	37.901	39.449	38.619	34.222	32.881	26.960
Total	Mean	608.83	589.31	590.55	613.31	603.65	610.80
	N	1112	1084	553	1115	755	269
	Std. Deviation	40.270	45.629	40.215	40.625	32.298	32.859

Eligible for Special Education		Reading SS	Vocabulary SS	Reading Comprehension SS	Language SS	Lang Mech SS	Language Comprehension SS
No	Mean	615.18	597.44	597.28	621.05	611.83	617.08
	N	1658	1622	751	1668	1243	406
	Std. Deviation	37.787	43.710	38.060	40.694	36.043	36.181
Yes	Mean	591.63	574.69	584.17	598.71	593.36	601.41
	N	264	257	128	265	212	88
	Std. Deviation	42.790	49.906	47.183	42.800	40.190	41.824
Total	Mean	611.95	594.33	595.37	617.99	609.14	614.29
	N	1922	1879	879	1933	1455	494
	Std. Deviation	39.346	45.274	39.759	41.692	37.236	37.684

Race Variable		Reading SS	Vocabulary SS	Reading Comprehension SS	Language SS	Lang Mech SS	Language Comprehension SS
Asian	Mean	618.56	594.78	602.95	632.48	618.36	633.00
	N	27	27	20	27	11	6
	Std. Deviation	29.783	36.945	33.352	37.903	35.945	41.516
Black	Mean	603.21	584.99	591.48	609.51	605.15	612.17
	N	1602	1595	1168	1611	1078	637
	Std. Deviation	37.277	43.510	38.024	41.250	40.366	39.748
Hispanic	Mean	601.46	579.77	589.90	604.87	600.68	603.02
	N	334	333	241	334	242	152
	Std. Deviation	36.544	42.637	36.699	37.093	30.449	28.621
White	Mean	625.65	609.71	616.36	630.49	615.65	622.63
	N	2512	2369	929	2522	2232	893
	Std. Deviation	35.332	38.731	33.204	37.672	32.765	32.163
Other	Mean	628.00	603.11	618.33	619.14	620.76	628.33
	N	29	27	9	29	21	3
	Std. Deviation	41.340	26.773	37.363	35.948	29.693	9.504
Total	Mean	615.85	598.23	601.28	621.07	611.52	616.97
	N	4504	4351	2367	4523	3584	1691
	Std. Deviation	37.834	42.708	38.038	40.397	35.504	35.542