

APPENDIX D. SCORE EQUIVALENCE TABLES

D1. Year 3 Numeracy Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
3	Numeracy	0	-6.221	1.497	77.8	89.9	1
3	Numeracy	1	-5.002	0.894	151.0	53.7	1
3	Numeracy	2	-4.388	0.715	187.8	42.9	1
3	Numeracy	3	-3.952	0.624	214.0	37.5	1
3	Numeracy	4	-3.603	0.567	235.0	34.1	1
3	Numeracy	5	-3.306	0.529	252.8	31.7	1
3	Numeracy	6	-3.042	0.500	268.7	30.1	1
3	Numeracy	7	-2.801	0.479	283.1	28.8	2
3	Numeracy	8	-2.578	0.463	296.5	27.8	2
3	Numeracy	9	-2.369	0.450	309.1	27.0	2
3	Numeracy	10	-2.169	0.440	321.1	26.4	2
3	Numeracy	11	-1.977	0.432	332.6	25.9	3
3	Numeracy	12	-1.791	0.425	343.8	25.5	3
3	Numeracy	13	-1.610	0.420	354.7	25.2	3
3	Numeracy	14	-1.432	0.417	365.3	25.0	3
3	Numeracy	15	-1.257	0.414	375.9	24.9	4
3	Numeracy	16	-1.084	0.412	386.3	24.8	4
3	Numeracy	17	-0.911	0.412	396.6	24.7	4
3	Numeracy	18	-0.739	0.412	407.0	24.8	4
3	Numeracy	19	-0.566	0.414	417.3	24.8	4
3	Numeracy	20	-0.392	0.416	427.8	25.0	5
3	Numeracy	21	-0.215	0.419	438.4	25.2	5
3	Numeracy	22	-0.034	0.424	449.3	25.5	5
3	Numeracy	23	0.150	0.430	460.4	25.8	5
3	Numeracy	24	0.341	0.437	471.8	26.3	5
3	Numeracy	25	0.538	0.447	483.7	26.8	6
3	Numeracy	26	0.745	0.458	496.1	27.5	6
3	Numeracy	27	0.963	0.472	509.2	28.4	6
3	Numeracy	28	1.197	0.490	523.2	29.4	6
3	Numeracy	29	1.449	0.513	538.4	30.8	6
3	Numeracy	30	1.728	0.543	555.1	32.6	6
3	Numeracy	31	2.045	0.584	574.1	35.1	6
3	Numeracy	32	2.417	0.643	596.5	38.6	6
3	Numeracy	33	2.882	0.737	624.4	44.2	6
3	Numeracy	34	3.534	0.919	663.6	55.2	6
3	Numeracy	35	4.799	1.532	739.6	92.0	6

D2. Year 3 Reading Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
3	Reading	0	-6.030	1.487	16.2	100.0	1
3	Reading	1	-4.690	0.883	106.3	59.4	1
3	Reading	2	-4.022	0.703	151.2	47.3	1
3	Reading	3	-3.555	0.609	182.7	41.0	1
3	Reading	4	-3.185	0.551	207.5	37.0	1
3	Reading	5	-2.875	0.510	228.4	34.3	1
3	Reading	6	-2.603	0.480	246.7	32.3	1
3	Reading	7	-2.359	0.456	263.1	30.7	1
3	Reading	8	-2.136	0.438	278.1	29.5	2
3	Reading	9	-1.928	0.423	292.1	28.5	2
3	Reading	10	-1.733	0.411	305.2	27.7	2
3	Reading	11	-1.549	0.401	317.6	27.0	2
3	Reading	12	-1.372	0.393	329.5	26.4	3
3	Reading	13	-1.201	0.387	341.0	26.0	3
3	Reading	14	-1.036	0.381	352.1	25.6	3
3	Reading	15	-0.875	0.377	362.9	25.4	3
3	Reading	16	-0.717	0.374	373.5	25.2	3
3	Reading	17	-0.561	0.372	384.0	25.0	4
3	Reading	18	-0.407	0.371	394.4	24.9	4
3	Reading	19	-0.253	0.371	404.7	24.9	4
3	Reading	20	-0.099	0.371	415.1	25.0	4
3	Reading	21	0.056	0.373	425.5	25.1	4
3	Reading	22	0.213	0.376	436.1	25.3	5
3	Reading	23	0.373	0.380	446.9	25.6	5
3	Reading	24	0.537	0.386	457.9	26.0	5
3	Reading	25	0.706	0.393	469.3	26.4	5
3	Reading	26	0.882	0.402	481.1	27.0	6
3	Reading	27	1.067	0.413	493.5	27.8	6
3	Reading	28	1.263	0.427	506.7	28.7	6
3	Reading	29	1.473	0.444	520.9	29.9	6
3	Reading	30	1.703	0.467	536.3	31.4	6
3	Reading	31	1.959	0.496	553.6	33.4	6
3	Reading	32	2.253	0.537	573.3	36.1	6
3	Reading	33	2.605	0.595	597.0	40.0	6
3	Reading	34	3.053	0.688	627.1	46.3	6
3	Reading	35	3.700	0.869	670.6	58.4	6
3	Reading	36	5.018	1.470	759.3	98.9	6

D3. Year 3 Spelling Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
3	Spelling	0	-6.035	1.563	234.2	59.6	1
3	Spelling	1	-4.830	0.952	280.1	36.3	2
3	Spelling	2	-4.183	0.773	304.7	29.5	2
3	Spelling	3	-3.705	0.681	323.0	26.0	3
3	Spelling	4	-3.313	0.624	337.9	23.8	3
3	Spelling	5	-2.975	0.584	350.8	22.3	3
3	Spelling	6	-2.674	0.555	362.3	21.2	3
3	Spelling	7	-2.398	0.534	372.8	20.3	3
3	Spelling	8	-2.141	0.518	382.6	19.7	4
3	Spelling	9	-1.896	0.507	391.9	19.3	4
3	Spelling	10	-1.661	0.498	400.9	19.0	4
3	Spelling	11	-1.431	0.493	409.6	18.8	4
3	Spelling	12	-1.205	0.491	418.2	18.7	4
3	Spelling	13	-0.979	0.490	426.8	18.7	5
3	Spelling	14	-0.754	0.492	435.4	18.8	5
3	Spelling	15	-0.525	0.497	444.2	18.9	5
3	Spelling	16	-0.291	0.504	453.1	19.2	5
3	Spelling	17	-0.050	0.514	462.2	19.6	5
3	Spelling	18	0.202	0.529	471.8	20.1	5
3	Spelling	19	0.470	0.549	482.1	20.9	6
3	Spelling	20	0.762	0.578	493.2	22.0	6
3	Spelling	21	1.091	0.620	505.7	23.6	6
3	Spelling	22	1.478	0.683	520.5	26.0	6
3	Spelling	23	1.971	0.786	539.3	30.0	6
3	Spelling	24	2.677	0.988	566.2	37.6	6
3	Spelling	25	4.011	1.645	617.0	62.7	6

D4. Year 3 Grammar & Punctuation Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
3	GP	0	-5.439	1.558	8.1	114.5	1
3	GP	1	-4.138	0.931	103.7	68.5	1
3	GP	2	-3.468	0.742	153.0	54.6	1
3	GP	3	-2.997	0.644	187.6	47.3	1
3	GP	4	-2.625	0.582	215.0	42.8	1
3	GP	5	-2.313	0.540	237.9	39.7	1
3	GP	6	-2.040	0.509	258.0	37.4	1
3	GP	7	-1.793	0.487	276.1	35.8	2
3	GP	8	-1.565	0.470	292.8	34.5	2
3	GP	9	-1.352	0.457	308.6	33.6	2
3	GP	10	-1.148	0.448	323.5	32.9	3
3	GP	11	-0.951	0.442	338.0	32.5	3
3	GP	12	-0.758	0.438	352.2	32.2	3
3	GP	13	-0.568	0.437	366.2	32.1	3
3	GP	14	-0.377	0.438	380.2	32.2	4
3	GP	15	-0.185	0.442	394.3	32.5	4
3	GP	16	0.013	0.449	408.8	33.0	4
3	GP	17	0.217	0.459	423.9	33.7	4
3	GP	18	0.432	0.473	439.6	34.8	5
3	GP	19	0.662	0.492	456.6	36.2	5
3	GP	20	0.914	0.519	475.1	38.1	5
3	GP	21	1.198	0.557	495.9	40.9	6
3	GP	22	1.531	0.613	520.5	45.0	6
3	GP	23	1.950	0.703	551.2	51.7	6
3	GP	24	2.546	0.882	595.0	64.8	6
3	GP	25	3.743	1.483	683.1	109.0	6

D5. Year 5 Numeracy Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
5	Numeracy	0	-5.024	1.493	149.6	89.7	3
5	Numeracy	1	-3.835	0.890	221.1	53.5	3
5	Numeracy	2	-3.237	0.712	257.0	42.7	3
5	Numeracy	3	-2.814	0.620	282.4	37.2	3
5	Numeracy	4	-2.476	0.563	302.7	33.8	3
5	Numeracy	5	-2.188	0.524	319.9	31.5	3
5	Numeracy	6	-1.934	0.495	335.2	29.7	3
5	Numeracy	7	-1.704	0.473	349.0	28.4	3
5	Numeracy	8	-1.491	0.456	361.8	27.4	3
5	Numeracy	9	-1.291	0.442	373.8	26.6	3
5	Numeracy	10	-1.102	0.431	385.1	25.9	4
5	Numeracy	11	-0.922	0.422	396.0	25.3	4
5	Numeracy	12	-0.749	0.414	406.4	24.9	4
5	Numeracy	13	-0.581	0.408	416.5	24.5	4
5	Numeracy	14	-0.417	0.403	426.3	24.2	5
5	Numeracy	15	-0.257	0.399	435.9	24.0	5
5	Numeracy	16	-0.100	0.396	445.3	23.8	5
5	Numeracy	17	0.055	0.394	454.6	23.6	5
5	Numeracy	18	0.209	0.392	463.9	23.6	5
5	Numeracy	19	0.362	0.392	473.1	23.5	5
5	Numeracy	20	0.515	0.392	482.3	23.5	6
5	Numeracy	21	0.668	0.393	491.5	23.6	6
5	Numeracy	22	0.823	0.395	500.8	23.7	6
5	Numeracy	23	0.979	0.397	510.1	23.9	6
5	Numeracy	24	1.138	0.401	519.7	24.1	6
5	Numeracy	25	1.300	0.405	529.4	24.3	6
5	Numeracy	26	1.465	0.411	539.3	24.7	7
5	Numeracy	27	1.636	0.417	549.6	25.1	7
5	Numeracy	28	1.813	0.425	560.2	25.5	7
5	Numeracy	29	1.997	0.434	571.2	26.1	7
5	Numeracy	30	2.189	0.445	582.8	26.7	8

D5. Year 5 Numeracy Score Equivalence Table cont.

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
5	Numeracy	31	2.392	0.457	595.0	27.5	8
5	Numeracy	32	2.607	0.473	607.9	28.4	8
5	Numeracy	33	2.837	0.491	621.7	29.5	8
5	Numeracy	34	3.086	0.514	636.7	30.8	8
5	Numeracy	35	3.361	0.543	653.2	32.6	8
5	Numeracy	36	3.670	0.582	671.7	35.0	8
5	Numeracy	37	4.030	0.639	693.4	38.4	8
5	Numeracy	38	4.476	0.730	720.2	43.8	8
5	Numeracy	39	5.098	0.908	757.5	54.6	8
5	Numeracy	40	6.312	1.514	830.4	90.9	8

D6. Year 5 Reading Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
5	Reading	0	-5.105	1.506	78.4	101.3	3
5	Reading	1	-3.799	0.896	166.3	60.3	3
5	Reading	2	-3.142	0.713	210.5	47.9	3
5	Reading	3	-2.682	0.617	241.4	41.5	3
5	Reading	4	-2.320	0.556	265.7	37.4	3
5	Reading	5	-2.017	0.514	286.1	34.6	3
5	Reading	6	-1.754	0.483	303.8	32.5	3
5	Reading	7	-1.518	0.459	319.7	30.9	3
5	Reading	8	-1.303	0.440	334.1	29.6	3
5	Reading	9	-1.104	0.425	347.5	28.6	3
5	Reading	10	-0.917	0.413	360.1	27.8	3
5	Reading	11	-0.739	0.404	372.1	27.1	3
5	Reading	12	-0.569	0.396	383.5	26.6	4
5	Reading	13	-0.404	0.389	394.6	26.2	4
5	Reading	14	-0.245	0.384	405.3	25.8	4
5	Reading	15	-0.089	0.381	415.8	25.6	4
5	Reading	16	0.065	0.378	426.2	25.4	5
5	Reading	17	0.217	0.376	436.4	25.3	5
5	Reading	18	0.368	0.375	446.5	25.3	5
5	Reading	19	0.519	0.376	456.7	25.3	5
5	Reading	20	0.670	0.377	466.9	25.3	5
5	Reading	21	0.823	0.379	477.1	25.5	5
5	Reading	22	0.977	0.382	487.5	25.7	6
5	Reading	23	1.135	0.386	498.1	26.0	6
5	Reading	24	1.297	0.392	509.0	26.4	6
5	Reading	25	1.463	0.399	520.2	26.8	6
5	Reading	26	1.636	0.408	531.9	27.4	7
5	Reading	27	1.818	0.419	544.1	28.2	7
5	Reading	28	2.010	0.432	557.0	29.1	7
5	Reading	29	2.216	0.450	570.9	30.2	7
5	Reading	30	2.441	0.472	586.0	31.7	8
5	Reading	31	2.690	0.501	602.7	33.7	8
5	Reading	32	2.975	0.541	621.9	36.4	8
5	Reading	33	3.315	0.599	644.8	40.3	8
5	Reading	34	3.747	0.692	673.8	46.6	8
5	Reading	35	4.368	0.872	715.6	58.7	8
5	Reading	36	5.629	1.473	800.4	99.1	8

D7. Year 5 Spelling Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
5	Spelling	0	-4.265	1.642	301.6	62.6	3
5	Spelling	1	-3.000	1.012	349.8	38.6	3
5	Spelling	2	-2.278	0.823	377.3	31.4	4
5	Spelling	3	-1.744	0.719	397.7	27.4	4
5	Spelling	4	-1.319	0.650	413.9	24.8	4
5	Spelling	5	-0.966	0.600	427.3	22.9	5
5	Spelling	6	-0.661	0.564	439.0	21.5	5
5	Spelling	7	-0.388	0.536	449.4	20.4	5
5	Spelling	8	-0.140	0.516	458.8	19.6	5
5	Spelling	9	0.092	0.500	467.6	19.1	5
5	Spelling	10	0.311	0.489	476.0	18.6	5
5	Spelling	11	0.521	0.481	484.0	18.3	6
5	Spelling	12	0.726	0.476	491.8	18.1	6
5	Spelling	13	0.929	0.474	499.5	18.1	6
5	Spelling	14	1.131	0.475	507.2	18.1	6
5	Spelling	15	1.335	0.479	515.0	18.3	6
5	Spelling	16	1.544	0.487	523.0	18.5	6
5	Spelling	17	1.761	0.497	531.3	19.0	7
5	Spelling	18	1.989	0.513	540.0	19.5	7
5	Spelling	19	2.234	0.533	549.3	20.3	7
5	Spelling	20	2.501	0.561	559.5	21.4	7
5	Spelling	21	2.801	0.601	570.9	22.9	7
5	Spelling	22	3.151	0.659	584.2	25.1	8
5	Spelling	23	3.585	0.752	600.8	28.6	8
5	Spelling	24	4.187	0.934	623.7	35.6	8
5	Spelling	25	5.340	1.549	667.7	59.0	8

D8. Year 5 Grammar and Punctuation Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
5	GP	0	-4.265	1.516	94.4	111.4	3
5	GP	1	-3.082	0.907	181.4	66.7	3
5	GP	2	-2.479	0.726	225.7	53.4	3
5	GP	3	-2.051	0.633	257.2	46.6	3
5	GP	4	-1.708	0.576	282.3	42.3	3
5	GP	5	-1.416	0.537	303.8	39.4	3
5	GP	6	-1.158	0.508	322.8	37.4	3
5	GP	7	-0.922	0.488	340.1	35.8	3
5	GP	8	-0.704	0.472	356.2	34.7	3
5	GP	9	-0.497	0.460	371.4	33.8	3
5	GP	10	-0.298	0.452	386.0	33.2	4
5	GP	11	-0.106	0.447	400.1	32.8	4
5	GP	12	0.083	0.444	414.0	32.6	4
5	GP	13	0.270	0.443	427.7	32.5	5
5	GP	14	0.457	0.444	441.5	32.7	5
5	GP	15	0.647	0.448	455.4	33.0	5
5	GP	16	0.841	0.455	469.7	33.5	5
5	GP	17	1.042	0.465	484.5	34.2	6
5	GP	18	1.253	0.479	500.0	35.2	6
5	GP	19	1.479	0.499	516.6	36.6	6
5	GP	20	1.726	0.525	534.7	38.6	7
5	GP	21	2.003	0.562	555.1	41.3	7
5	GP	22	2.327	0.618	579.0	45.4	7
5	GP	23	2.734	0.709	608.8	52.1	8
5	GP	24	3.309	0.887	651.1	65.2	8
5	GP	25	4.459	1.489	735.6	109.4	8

D9. Year 7 Numeracy Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
7	Numeracy	0	-4.521	1.465	179.9	88.0	4
7	Numeracy	1	-3.342	0.864	250.7	51.9	4
7	Numeracy	2	-2.766	0.683	285.2	41.0	4
7	Numeracy	3	-2.369	0.588	309.1	35.3	4
7	Numeracy	4	-2.060	0.528	327.6	31.7	4
7	Numeracy	5	-1.804	0.486	343.0	29.2	4
7	Numeracy	6	-1.582	0.455	356.3	27.3	4
7	Numeracy	7	-1.385	0.431	368.2	25.9	4
7	Numeracy	8	-1.206	0.412	378.9	24.7	4
7	Numeracy	9	-1.042	0.396	388.8	23.8	4
7	Numeracy	10	-0.890	0.382	397.9	22.9	4
7	Numeracy	11	-0.747	0.371	406.5	22.3	4
7	Numeracy	12	-0.611	0.361	414.6	21.7	4
7	Numeracy	13	-0.483	0.352	422.4	21.2	4
7	Numeracy	14	-0.360	0.345	429.8	20.7	5
7	Numeracy	15	-0.241	0.338	436.9	20.3	5
7	Numeracy	16	-0.127	0.333	443.7	20.0	5
7	Numeracy	17	-0.017	0.328	450.3	19.7	5
7	Numeracy	18	0.091	0.323	456.8	19.4	5
7	Numeracy	19	0.195	0.319	463.1	19.2	5
7	Numeracy	20	0.297	0.315	469.2	18.9	5
7	Numeracy	21	0.398	0.312	475.2	18.8	5
7	Numeracy	22	0.496	0.310	481.1	18.6	6
7	Numeracy	23	0.592	0.307	486.9	18.5	6
7	Numeracy	24	0.688	0.305	492.6	18.3	6
7	Numeracy	25	0.782	0.304	498.3	18.2	6
7	Numeracy	26	0.875	0.302	503.9	18.1	6
7	Numeracy	27	0.967	0.301	509.4	18.1	6
7	Numeracy	28	1.059	0.300	515.0	18.0	6
7	Numeracy	29	1.150	0.299	520.4	18.0	6
7	Numeracy	30	1.241	0.299	525.9	18.0	6
7	Numeracy	31	1.332	0.299	531.4	17.9	7
7	Numeracy	32	1.423	0.299	536.8	17.9	7
7	Numeracy	33	1.514	0.299	542.3	18.0	7
7	Numeracy	34	1.605	0.300	547.7	18.0	7
7	Numeracy	35	1.697	0.301	553.2	18.0	7

D9. Year 7 Numeracy Score Equivalence Table cont.

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
7	Numeracy	36	1.789	0.302	558.8	18.1	7
7	Numeracy	37	1.882	0.303	564.4	18.2	7
7	Numeracy	38	1.976	0.304	570.0	18.3	7
7	Numeracy	39	2.071	0.306	575.7	18.4	7
7	Numeracy	40	2.167	0.308	581.5	18.5	7
7	Numeracy	41	2.264	0.311	587.3	18.7	8
7	Numeracy	42	2.363	0.313	593.2	18.8	8
7	Numeracy	43	2.464	0.316	599.3	19.0	8
7	Numeracy	44	2.566	0.320	605.5	19.2	8
7	Numeracy	45	2.672	0.323	611.8	19.4	8
7	Numeracy	46	2.779	0.328	618.3	19.7	8
7	Numeracy	47	2.890	0.332	624.9	20.0	8
7	Numeracy	48	3.004	0.338	631.7	20.3	8
7	Numeracy	49	3.122	0.344	638.8	20.6	9
7	Numeracy	50	3.244	0.350	646.2	21.0	9
7	Numeracy	51	3.371	0.358	653.8	21.5	9
7	Numeracy	52	3.505	0.367	661.8	22.0	9
7	Numeracy	53	3.645	0.377	670.2	22.6	9
7	Numeracy	54	3.793	0.389	679.1	23.3	9
7	Numeracy	55	3.951	0.402	688.6	24.2	9
7	Numeracy	56	4.121	0.418	698.8	25.1	9
7	Numeracy	57	4.305	0.438	709.9	26.3	9
7	Numeracy	58	4.509	0.463	722.1	27.8	9
7	Numeracy	59	4.738	0.494	735.9	29.7	9
7	Numeracy	60	5.003	0.536	751.8	32.2	9
7	Numeracy	61	5.320	0.596	770.8	35.8	9
7	Numeracy	62	5.726	0.690	795.2	41.4	9
7	Numeracy	63	6.311	0.871	830.3	52.3	9
7	Numeracy	64	7.499	1.473	901.7	88.5	9

D10. Year 7 Non-Calculator Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
7	NonCalc	0	-3.837	1.496	220.9	89.8	4
7	NonCalc	1	-2.624	0.892	293.7	53.6	4
7	NonCalc	2	-2.015	0.712	330.3	42.8	4
7	NonCalc	3	-1.584	0.621	356.2	37.3	4
7	NonCalc	4	-1.240	0.564	376.9	33.9	4
7	NonCalc	5	-0.948	0.525	394.4	31.5	4
7	NonCalc	6	-0.689	0.497	410.0	29.8	4
7	NonCalc	7	-0.454	0.476	424.1	28.6	4
7	NonCalc	8	-0.236	0.460	437.2	27.6	5
7	NonCalc	9	-0.030	0.448	449.5	26.9	5
7	NonCalc	10	0.166	0.438	461.3	26.3	5
7	NonCalc	11	0.356	0.431	472.7	25.9	5
7	NonCalc	12	0.540	0.426	483.8	25.6	6
7	NonCalc	13	0.721	0.423	494.7	25.4	6
7	NonCalc	14	0.901	0.421	505.4	25.3	6
7	NonCalc	15	1.079	0.421	516.2	25.3	6
7	NonCalc	16	1.258	0.422	526.9	25.4	6
7	NonCalc	17	1.439	0.425	537.8	25.5	7
7	NonCalc	18	1.622	0.428	548.8	25.7	7
7	NonCalc	19	1.810	0.433	560.0	26.0	7
7	NonCalc	20	2.002	0.439	571.6	26.4	7
7	NonCalc	21	2.201	0.447	583.5	26.9	8
7	NonCalc	22	2.407	0.457	595.9	27.4	8
7	NonCalc	23	2.624	0.469	608.9	28.1	8
7	NonCalc	24	2.852	0.483	622.6	29.0	8
7	NonCalc	25	3.095	0.501	637.2	30.1	9
7	NonCalc	26	3.358	0.523	653.0	31.4	9
7	NonCalc	27	3.647	0.553	670.4	33.2	9
7	NonCalc	28	3.973	0.592	689.9	35.6	9
7	NonCalc	29	4.353	0.650	712.8	39.0	9
7	NonCalc	30	4.824	0.742	741.0	44.6	9
7	NonCalc	31	5.475	0.922	780.2	55.4	9
7	NonCalc	32	6.732	1.531	855.6	91.9	9

D11. Year 7 Calculator Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
7	Calc	0	-3.824	1.528	221.7	91.8	4
7	Calc	1	-2.571	0.920	297.0	55.2	4
7	Calc	2	-1.922	0.740	335.9	44.4	4
7	Calc	3	-1.454	0.648	364.0	38.9	4
7	Calc	4	-1.076	0.590	386.7	35.4	4
7	Calc	5	-0.753	0.550	406.1	33.0	4
7	Calc	6	-0.467	0.520	423.3	31.2	4
7	Calc	7	-0.207	0.496	438.9	29.8	5
7	Calc	8	0.031	0.478	453.2	28.7	5
7	Calc	9	0.254	0.463	466.6	27.8	5
7	Calc	10	0.464	0.451	479.2	27.1	6
7	Calc	11	0.665	0.441	491.3	26.5	6
7	Calc	12	0.857	0.434	502.8	26.0	6
7	Calc	13	1.044	0.428	514.0	25.7	6
7	Calc	14	1.226	0.424	525.0	25.5	6
7	Calc	15	1.406	0.421	535.8	25.3	7
7	Calc	16	1.584	0.420	546.5	25.2	7
7	Calc	17	1.762	0.421	557.1	25.3	7
7	Calc	18	1.940	0.422	567.9	25.4	7
7	Calc	19	2.121	0.426	578.7	25.6	7
7	Calc	20	2.306	0.430	589.8	25.9	8
7	Calc	21	2.495	0.437	601.2	26.2	8
7	Calc	22	2.690	0.446	612.9	26.8	8
7	Calc	23	2.895	0.456	625.2	27.4	8
7	Calc	24	3.110	0.470	638.1	28.2	9
7	Calc	25	3.340	0.488	651.9	29.3	9
7	Calc	26	3.588	0.510	666.8	30.6	9
7	Calc	27	3.863	0.540	683.3	32.4	9
7	Calc	28	4.174	0.580	702.0	34.8	9
7	Calc	29	4.540	0.638	724.0	38.3	9
7	Calc	30	4.997	0.732	751.4	44.0	9
7	Calc	31	5.637	0.913	789.9	54.8	9
7	Calc	32	6.885	1.522	864.8	91.4	9

D12. Year 7 Reading Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
7	Reading	0	-3.422	1.456	191.6	98.0	4
7	Reading	1	-2.352	0.856	263.6	57.6	4
7	Reading	2	-1.834	0.675	298.4	45.4	4
7	Reading	3	-1.480	0.580	322.2	39.0	4
7	Reading	4	-1.206	0.520	340.7	34.9	4
7	Reading	5	-0.979	0.478	355.9	32.1	4
7	Reading	6	-0.784	0.446	369.0	30.0	4
7	Reading	7	-0.611	0.422	380.7	28.4	4
7	Reading	8	-0.455	0.403	391.1	27.1	4
7	Reading	9	-0.312	0.387	400.8	26.0	4
7	Reading	10	-0.179	0.374	409.7	25.1	4
7	Reading	11	-0.054	0.363	418.1	24.4	4
7	Reading	12	0.064	0.354	426.1	23.8	5
7	Reading	13	0.176	0.346	433.6	23.3	5
7	Reading	14	0.284	0.339	440.9	22.8	5
7	Reading	15	0.388	0.333	447.9	22.4	5
7	Reading	16	0.489	0.329	454.7	22.1	5
7	Reading	17	0.588	0.324	461.3	21.8	5
7	Reading	18	0.684	0.321	467.8	21.6	5
7	Reading	19	0.778	0.318	474.1	21.4	5
7	Reading	20	0.871	0.316	480.4	21.3	6
7	Reading	21	0.963	0.315	486.5	21.2	6
7	Reading	22	1.054	0.314	492.6	21.1	6
7	Reading	23	1.144	0.313	498.7	21.0	6
7	Reading	24	1.234	0.313	504.8	21.0	6
7	Reading	25	1.325	0.313	510.9	21.1	6
7	Reading	26	1.416	0.314	517.0	21.1	6
7	Reading	27	1.507	0.315	523.1	21.2	6
7	Reading	28	1.599	0.317	529.3	21.3	6
7	Reading	29	1.693	0.320	535.6	21.5	7
7	Reading	30	1.788	0.323	542.0	21.7	7

D12. Year 7 Reading Score Equivalence Table cont.

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
7	Reading	31	1.885	0.326	548.6	21.9	7
7	Reading	32	1.984	0.331	555.3	22.2	7
7	Reading	33	2.087	0.336	562.1	22.6	7
7	Reading	34	2.193	0.342	569.3	23.0	7
7	Reading	35	2.302	0.349	576.6	23.5	7
7	Reading	36	2.417	0.357	584.4	24.0	8
7	Reading	37	2.538	0.367	592.5	24.7	8
7	Reading	38	2.665	0.378	601.1	25.4	8
7	Reading	39	2.802	0.392	610.2	26.3	8
7	Reading	40	2.949	0.408	620.1	27.5	8
7	Reading	41	3.109	0.428	630.9	28.8	8
7	Reading	42	3.288	0.453	642.9	30.5	9
7	Reading	43	3.490	0.485	656.5	32.6	9
7	Reading	44	3.725	0.529	672.3	35.5	9
7	Reading	45	4.009	0.590	691.5	39.7	9
7	Reading	46	4.377	0.687	716.2	46.2	9
7	Reading	47	4.913	0.870	752.3	58.5	9
7	Reading	48	6.007	1.477	825.8	99.3	9

D13. Year 7 Spelling Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
7	Spelling	0	-2.962	1.516	351.3	57.8	4
7	Spelling	1	-1.848	0.911	393.7	34.7	4
7	Spelling	2	-1.276	0.734	415.5	28.0	4
7	Spelling	3	-0.863	0.644	431.3	24.5	5
7	Spelling	4	-0.527	0.588	444.1	22.4	5
7	Spelling	5	-0.238	0.550	455.1	21.0	5
7	Spelling	6	0.021	0.522	465.0	19.9	5
7	Spelling	7	0.258	0.502	474.0	19.1	5
7	Spelling	8	0.479	0.485	482.4	18.5	6
7	Spelling	9	0.687	0.472	490.3	18.0	6
7	Spelling	10	0.885	0.462	497.9	17.6	6
7	Spelling	11	1.075	0.454	505.1	17.3	6
7	Spelling	12	1.260	0.448	512.2	17.1	6
7	Spelling	13	1.441	0.444	519.1	16.9	6
7	Spelling	14	1.618	0.441	525.8	16.8	6
7	Spelling	15	1.795	0.440	532.5	16.8	7
7	Spelling	16	1.970	0.441	539.2	16.8	7
7	Spelling	17	2.147	0.443	546.0	16.9	7
7	Spelling	18	2.327	0.447	552.8	17.0	7
7	Spelling	19	2.511	0.453	559.8	17.3	7
7	Spelling	20	2.700	0.462	567.0	17.6	7
7	Spelling	21	2.898	0.473	574.6	18.0	7
7	Spelling	22	3.106	0.487	582.5	18.6	8
7	Spelling	23	3.329	0.505	591.0	19.2	8
7	Spelling	24	3.570	0.528	600.2	20.1	8
7	Spelling	25	3.837	0.559	610.4	21.3	8
7	Spelling	26	4.139	0.600	621.9	22.9	8
7	Spelling	27	4.492	0.658	635.3	25.1	9
7	Spelling	28	4.928	0.751	652.0	28.6	9
7	Spelling	29	5.528	0.930	674.8	35.5	9
7	Spelling	30	6.672	1.541	718.4	58.7	9

D14. Year 7 Grammar and Punctuation Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
7	GP	0	-3.147	1.486	176.6	109.2	4
7	GP	1	-2.075	0.884	255.4	65.0	4
7	GP	2	-1.541	0.704	294.6	51.8	4
7	GP	3	-1.166	0.612	322.2	45.0	4
7	GP	4	-0.868	0.556	344.1	40.8	4
7	GP	5	-0.615	0.517	362.7	38.0	4
7	GP	6	-0.392	0.489	379.1	35.9	4
7	GP	7	-0.189	0.468	394.0	34.4	4
7	GP	8	-0.001	0.453	407.8	33.3	4
7	GP	9	0.176	0.441	420.8	32.4	4
7	GP	10	0.345	0.432	433.3	31.7	5
7	GP	11	0.509	0.426	445.3	31.3	5
7	GP	12	0.668	0.422	457.0	31.0	5
7	GP	13	0.826	0.419	468.6	30.8	5
7	GP	14	0.982	0.419	480.1	30.8	6
7	GP	15	1.139	0.421	491.7	30.9	6
7	GP	16	1.298	0.424	503.3	31.2	6
7	GP	17	1.460	0.430	515.3	31.6	6
7	GP	18	1.628	0.439	527.6	32.2	6
7	GP	19	1.803	0.450	540.4	33.1	7
7	GP	20	1.989	0.466	554.1	34.2	7
7	GP	21	2.189	0.486	568.8	35.7	7
7	GP	22	2.409	0.514	585.0	37.8	8
7	GP	23	2.659	0.553	603.3	40.6	8
7	GP	24	2.954	0.610	625.0	44.8	8
7	GP	25	3.327	0.702	652.4	51.6	9
7	GP	26	3.859	0.882	691.6	64.8	9
7	GP	27	4.931	1.486	770.4	109.2	9

D15. Year 9 Numeracy Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
9	Numeracy	0	-3.263	1.466	255.4	88.0	5
9	Numeracy	1	-2.253	0.864	316.0	51.9	5
9	Numeracy	2	-1.760	0.682	345.7	41.0	5
9	Numeracy	3	-1.421	0.588	366.0	35.3	5
9	Numeracy	4	-1.156	0.528	381.9	31.7	5
9	Numeracy	5	-0.937	0.486	395.0	29.2	5
9	Numeracy	6	-0.748	0.454	406.4	27.3	5
9	Numeracy	7	-0.581	0.430	416.5	25.8	5
9	Numeracy	8	-0.429	0.410	425.6	24.6	5
9	Numeracy	9	-0.289	0.394	434.0	23.7	5
9	Numeracy	10	-0.160	0.381	441.7	22.9	5
9	Numeracy	11	-0.038	0.369	449.0	22.2	5
9	Numeracy	12	0.076	0.359	455.9	21.6	5
9	Numeracy	13	0.186	0.351	462.5	21.1	5
9	Numeracy	14	0.290	0.344	468.8	20.6	5
9	Numeracy	15	0.390	0.337	474.8	20.3	5
9	Numeracy	16	0.488	0.332	480.6	19.9	6
9	Numeracy	17	0.582	0.327	486.3	19.6	6
9	Numeracy	18	0.673	0.322	491.8	19.4	6
9	Numeracy	19	0.762	0.319	497.1	19.1	6
9	Numeracy	20	0.849	0.315	502.4	18.9	6
9	Numeracy	21	0.935	0.312	507.5	18.8	6
9	Numeracy	22	1.019	0.310	512.5	18.6	6
9	Numeracy	23	1.102	0.308	517.5	18.5	6
9	Numeracy	24	1.184	0.306	522.4	18.4	6
9	Numeracy	25	1.264	0.304	527.3	18.3	6
9	Numeracy	26	1.344	0.303	532.1	18.2	7
9	Numeracy	27	1.424	0.302	536.9	18.1	7
9	Numeracy	28	1.503	0.301	541.6	18.1	7
9	Numeracy	29	1.582	0.300	546.3	18.0	7
9	Numeracy	30	1.660	0.300	551.0	18.0	7

D15. Year 9 Numeracy Score Equivalence Table cont.

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
9	Numeracy	31	1.738	0.300	555.7	18.0	7
9	Numeracy	32	1.817	0.300	560.4	18.0	7
9	Numeracy	33	1.895	0.301	565.2	18.0	7
9	Numeracy	34	1.974	0.301	569.9	18.1	7
9	Numeracy	35	2.053	0.302	574.6	18.1	7
9	Numeracy	36	2.133	0.303	579.4	18.2	7
9	Numeracy	37	2.213	0.305	584.3	18.3	8
9	Numeracy	38	2.294	0.306	589.1	18.4	8
9	Numeracy	39	2.376	0.308	594.1	18.5	8
9	Numeracy	40	2.460	0.310	599.1	18.6	8
9	Numeracy	41	2.544	0.313	604.1	18.8	8
9	Numeracy	42	2.630	0.316	609.3	19.0	8
9	Numeracy	43	2.718	0.319	614.5	19.1	8
9	Numeracy	44	2.807	0.322	619.9	19.4	8
9	Numeracy	45	2.898	0.326	625.4	19.6	8
9	Numeracy	46	2.992	0.331	631.0	19.9	8
9	Numeracy	47	3.089	0.336	636.8	20.2	9
9	Numeracy	48	3.189	0.341	642.8	20.5	9
9	Numeracy	49	3.292	0.348	649.0	20.9	9
9	Numeracy	50	3.399	0.355	655.5	21.3	9
9	Numeracy	51	3.511	0.363	662.2	21.8	9
9	Numeracy	52	3.628	0.372	669.2	22.4	9
9	Numeracy	53	3.752	0.383	676.7	23.0	9
9	Numeracy	54	3.883	0.395	684.5	23.7	9
9	Numeracy	55	4.023	0.410	693.0	24.6	10
9	Numeracy	56	4.175	0.427	702.0	25.6	10
9	Numeracy	57	4.340	0.447	711.9	26.9	10
9	Numeracy	58	4.522	0.473	722.9	28.4	10
9	Numeracy	59	4.728	0.505	735.2	30.3	10
9	Numeracy	60	4.965	0.548	749.5	32.9	10
9	Numeracy	61	5.250	0.609	766.6	36.6	10
9	Numeracy	62	5.614	0.705	788.5	42.4	10
9	Numeracy	63	6.135	0.888	819.7	53.3	10
9	Numeracy	64	7.176	1.496	882.3	89.8	10

D16. Year 9 Non-Calculator Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
9	NonCalc	0	-2.462	1.480	303.5	88.9	5
9	NonCalc	1	-1.441	0.879	364.8	52.8	5
9	NonCalc	2	-0.934	0.701	395.2	42.1	5
9	NonCalc	3	-0.579	0.609	416.6	36.6	5
9	NonCalc	4	-0.296	0.554	433.6	33.2	5
9	NonCalc	5	-0.056	0.516	448.0	31.0	5
9	NonCalc	6	0.157	0.489	460.8	29.3	5
9	NonCalc	7	0.351	0.469	472.4	28.1	5
9	NonCalc	8	0.532	0.454	483.3	27.2	6
9	NonCalc	9	0.704	0.442	493.6	26.6	6
9	NonCalc	10	0.868	0.434	503.5	26.1	6
9	NonCalc	11	1.027	0.428	513.0	25.7	6
9	NonCalc	12	1.183	0.423	522.4	25.4	6
9	NonCalc	13	1.336	0.420	531.6	25.2	7
9	NonCalc	14	1.488	0.419	540.7	25.2	7
9	NonCalc	15	1.639	0.419	549.8	25.2	7
9	NonCalc	16	1.791	0.420	558.9	25.2	7
9	NonCalc	17	1.944	0.422	568.1	25.4	7
9	NonCalc	18	2.099	0.426	577.4	25.6	7
9	NonCalc	19	2.257	0.431	586.9	25.9	8
9	NonCalc	20	2.420	0.437	596.7	26.3	8
9	NonCalc	21	2.588	0.445	606.8	26.7	8
9	NonCalc	22	2.763	0.455	617.3	27.3	8
9	NonCalc	23	2.947	0.468	628.3	28.1	8
9	NonCalc	24	3.141	0.483	640.0	29.0	9
9	NonCalc	25	3.350	0.502	652.5	30.1	9
9	NonCalc	26	3.577	0.526	666.2	31.6	9
9	NonCalc	27	3.828	0.557	681.2	33.4	9
9	NonCalc	28	4.113	0.598	698.3	35.9	10
9	NonCalc	29	4.446	0.657	718.4	39.5	10
9	NonCalc	30	4.860	0.751	743.2	45.1	10
9	NonCalc	31	5.431	0.932	777.5	56.0	10
9	NonCalc	32	6.521	1.544	843.0	92.7	10

D17. Year 9 Calculator Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
9	Calc	0	-2.839	1.524	280.8	91.5	5
9	Calc	1	-1.773	0.918	344.9	55.1	5
9	Calc	2	-1.221	0.740	378.0	44.4	5
9	Calc	3	-0.821	0.649	402.0	39.0	5
9	Calc	4	-0.497	0.592	421.5	35.6	5
9	Calc	5	-0.218	0.553	438.3	33.2	5
9	Calc	6	0.031	0.524	453.2	31.5	5
9	Calc	7	0.257	0.502	466.8	30.1	5
9	Calc	8	0.466	0.484	479.3	29.1	6
9	Calc	9	0.662	0.469	491.1	28.2	6
9	Calc	10	0.847	0.458	502.2	27.5	6
9	Calc	11	1.024	0.449	512.9	26.9	6
9	Calc	12	1.195	0.441	523.1	26.5	6
9	Calc	13	1.361	0.436	533.1	26.2	7
9	Calc	14	1.523	0.432	542.8	25.9	7
9	Calc	15	1.683	0.430	552.4	25.8	7
9	Calc	16	1.842	0.429	562.0	25.8	7
9	Calc	17	2.001	0.429	571.5	25.8	7
9	Calc	18	2.160	0.431	581.1	25.9	7
9	Calc	19	2.322	0.435	590.8	26.1	8
9	Calc	20	2.486	0.440	600.6	26.4	8
9	Calc	21	2.655	0.446	610.8	26.8	8
9	Calc	22	2.830	0.455	621.3	27.3	8
9	Calc	23	3.012	0.466	632.3	28.0	8
9	Calc	24	3.205	0.481	643.8	28.9	9
9	Calc	25	3.410	0.499	656.2	29.9	9
9	Calc	26	3.633	0.522	669.5	31.4	9
9	Calc	27	3.880	0.553	684.4	33.2	9
9	Calc	28	4.161	0.596	701.2	35.8	10
9	Calc	29	4.495	0.659	721.3	39.6	10
9	Calc	30	4.917	0.758	746.6	45.5	10
9	Calc	31	5.514	0.949	782.5	57.0	10
9	Calc	32	6.655	1.581	851.0	95.0	10

D18. Year 9 Reading Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
9	Reading	0	-3.169	1.470	208.6	98.9	5
9	Reading	1	-2.051	0.867	283.8	58.3	5
9	Reading	2	-1.504	0.685	320.6	46.1	5
9	Reading	3	-1.127	0.590	346.0	39.7	5
9	Reading	4	-0.834	0.529	365.7	35.6	5
9	Reading	5	-0.591	0.487	382.0	32.7	5
9	Reading	6	-0.382	0.455	396.1	30.6	5
9	Reading	7	-0.196	0.430	408.6	29.0	5
9	Reading	8	-0.029	0.411	419.8	27.6	5
9	Reading	9	0.125	0.395	430.2	26.5	5
9	Reading	10	0.268	0.381	439.8	25.6	5
9	Reading	11	0.401	0.370	448.8	24.9	5
9	Reading	12	0.528	0.360	457.3	24.2	5
9	Reading	13	0.649	0.352	465.4	23.7	5
9	Reading	14	0.764	0.345	473.2	23.2	5
9	Reading	15	0.876	0.339	480.7	22.8	6
9	Reading	16	0.983	0.334	487.9	22.5	6
9	Reading	17	1.088	0.330	495.0	22.2	6
9	Reading	18	1.191	0.326	501.9	21.9	6
9	Reading	19	1.291	0.323	508.6	21.7	6
9	Reading	20	1.390	0.321	515.3	21.6	6
9	Reading	21	1.487	0.319	521.8	21.4	6
9	Reading	22	1.583	0.317	528.3	21.3	6
9	Reading	23	1.679	0.316	534.7	21.3	7
9	Reading	24	1.774	0.316	541.1	21.2	7
9	Reading	25	1.869	0.316	547.5	21.2	7
9	Reading	26	1.964	0.316	553.9	21.2	7
9	Reading	27	2.059	0.317	560.3	21.3	7
9	Reading	28	2.155	0.318	566.7	21.4	7
9	Reading	29	2.252	0.319	573.3	21.5	7
9	Reading	30	2.350	0.321	579.8	21.6	7
9	Reading	31	2.449	0.324	586.5	21.8	8
9	Reading	32	2.550	0.327	593.3	22.0	8
9	Reading	33	2.654	0.331	600.3	22.3	8
9	Reading	34	2.759	0.336	607.4	22.6	8
9	Reading	35	2.868	0.341	614.7	22.9	8

D18. Year 9 Reading Score Equivalence Table cont.

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
9	Reading	36	2.981	0.347	622.3	23.3	8
9	Reading	37	3.097	0.354	630.1	23.8	8
9	Reading	38	3.219	0.362	638.3	24.4	9
9	Reading	39	3.347	0.372	646.9	25.0	9
9	Reading	40	3.483	0.383	656.0	25.8	9
9	Reading	41	3.627	0.397	665.8	26.7	9
9	Reading	42	3.783	0.413	676.2	27.8	9
9	Reading	43	3.952	0.433	687.6	29.1	10
9	Reading	44	4.140	0.458	700.3	30.8	10
9	Reading	45	4.352	0.490	714.5	33.0	10
9	Reading	46	4.599	0.533	731.1	35.9	10
9	Reading	47	4.897	0.595	751.2	40.0	10
9	Reading	48	5.282	0.691	777.0	46.5	10
9	Reading	49	5.840	0.875	814.6	58.8	10
9	Reading	50	6.974	1.482	890.8	99.7	10

D19. Year 9 Spelling Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
9	Spelling	0	-2.486	1.564	369.4	59.6	5
9	Spelling	1	-1.191	0.945	418.8	36.0	5
9	Spelling	2	-0.508	0.761	444.8	29.0	5
9	Spelling	3	-0.014	0.666	463.6	25.4	5
9	Spelling	4	0.384	0.605	478.8	23.1	6
9	Spelling	5	0.723	0.562	491.7	21.4	6
9	Spelling	6	1.021	0.531	503.0	20.2	6
9	Spelling	7	1.289	0.506	513.3	19.3	6
9	Spelling	8	1.535	0.487	522.7	18.5	6
9	Spelling	9	1.765	0.471	531.4	18.0	7
9	Spelling	10	1.981	0.459	539.6	17.5	7
9	Spelling	11	2.187	0.450	547.5	17.1	7
9	Spelling	12	2.385	0.442	555.1	16.9	7
9	Spelling	13	2.578	0.437	562.4	16.7	7
9	Spelling	14	2.768	0.434	569.6	16.5	7
9	Spelling	15	2.955	0.433	576.8	16.5	7
9	Spelling	16	3.142	0.433	583.9	16.5	8
9	Spelling	17	3.330	0.435	591.0	16.6	8
9	Spelling	18	3.520	0.439	598.3	16.7	8
9	Spelling	19	3.714	0.444	605.7	16.9	8
9	Spelling	20	3.914	0.452	613.3	17.2	8
9	Spelling	21	4.123	0.462	621.3	17.6	8
9	Spelling	22	4.341	0.475	629.6	18.1	8
9	Spelling	23	4.574	0.492	638.5	18.8	9
9	Spelling	24	4.825	0.514	648.0	19.6	9
9	Spelling	25	5.102	0.543	658.6	20.7	9
9	Spelling	26	5.414	0.583	670.5	22.2	9
9	Spelling	27	5.780	0.641	684.4	24.4	9
9	Spelling	28	6.236	0.733	701.8	27.9	10
9	Spelling	29	6.872	0.913	726.1	34.8	10
9	Spelling	30	8.111	1.523	773.2	58.0	10

D20. Year 9 Grammar and Punctuation Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band
9	GP	0	-2.689	1.484	210.3	109.1	5
9	GP	1	-1.654	0.882	286.4	64.9	5
9	GP	2	-1.138	0.704	324.3	51.7	5
9	GP	3	-0.775	0.613	350.9	45.1	5
9	GP	4	-0.486	0.557	372.2	40.9	5
9	GP	5	-0.240	0.519	390.3	38.2	5
9	GP	6	-0.022	0.492	406.3	36.2	5
9	GP	7	0.177	0.472	421.0	34.7	5
9	GP	8	0.363	0.457	434.6	33.6	5
9	GP	9	0.539	0.446	447.5	32.8	5
9	GP	10	0.707	0.438	459.9	32.2	5
9	GP	11	0.871	0.432	471.9	31.8	5
9	GP	12	1.031	0.429	483.7	31.5	6
9	GP	13	1.190	0.427	495.4	31.4	6
9	GP	14	1.348	0.428	507.0	31.4	6
9	GP	15	1.507	0.430	518.7	31.6	6
9	GP	16	1.668	0.434	530.5	31.9	7
9	GP	17	1.833	0.440	542.6	32.4	7
9	GP	18	2.004	0.449	555.2	33.0	7
9	GP	19	2.182	0.461	568.3	33.9	7
9	GP	20	2.371	0.477	582.2	35.0	8
9	GP	21	2.575	0.497	597.2	36.6	8
9	GP	22	2.799	0.525	613.6	38.6	8
9	GP	23	3.052	0.565	632.3	41.5	8
9	GP	24	3.351	0.622	654.2	45.7	9
9	GP	25	3.726	0.714	681.8	52.5	9
9	GP	26	4.256	0.894	720.7	65.7	10
9	GP	27	5.309	1.500	798.1	110.2	10

D20. Years 3, 5, 7, and 9 Persuasive Writing Score Equivalence Table

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band	Bands by Year			
								Y3	Y5	Y7	Y9
3579	Writing	0	-12.540	1.763	94.5	52.3	1	1	3	4	5
3579	Writing	1	-10.960	1.078	141.4	32.0	1	1	3	4	5
3579	Writing	2	-10.070	0.869	167.9	25.8	1	1	3	4	5
3579	Writing	3	-9.450	0.770	186.3	22.9	1	1	3	4	5
3579	Writing	4	-8.933	0.719	201.6	21.3	1	1	3	4	5
3579	Writing	5	-8.463	0.694	215.6	20.6	1	1	3	4	5
3579	Writing	6	-8.008	0.684	229.1	20.3	1	1	3	4	5
3579	Writing	7	-7.551	0.685	242.7	20.3	1	1	3	4	5
3579	Writing	8	-7.083	0.690	256.6	20.5	1	1	3	4	5
3579	Writing	9	-6.600	0.695	270.9	20.6	2	2	3	4	5
3579	Writing	10	-6.110	0.698	285.4	20.7	2	2	3	4	5
3579	Writing	11	-5.622	0.698	299.9	20.7	2	2	3	4	5
3579	Writing	12	-5.136	0.699	314.4	20.8	2	2	3	4	5
3579	Writing	13	-4.647	0.702	328.9	20.8	3	3	3	4	5
3579	Writing	14	-4.151	0.705	343.6	20.9	3	3	3	4	5
3579	Writing	15	-3.649	0.705	358.5	20.9	3	3	3	4	5
3579	Writing	16	-3.146	0.700	373.5	20.8	3	3	3	4	5
3579	Writing	17	-2.655	0.690	388.0	20.5	4	4	4	4	5
3579	Writing	18	-2.185	0.678	402.0	20.1	4	4	4	4	5
3579	Writing	19	-1.735	0.666	415.3	19.8	4	4	4	4	5
3579	Writing	20	-1.300	0.657	428.3	19.5	5	5	5	5	5
3579	Writing	21	-0.875	0.650	440.9	19.3	5	5	5	5	5
3579	Writing	22	-0.457	0.643	453.3	19.1	5	5	5	5	5
3579	Writing	23	-0.047	0.637	465.5	18.9	5	5	5	5	5
3579	Writing	24	0.354	0.631	477.4	18.7	5	5	5	5	5
3579	Writing	25	0.747	0.626	489.0	18.6	6	6	6	6	6
3579	Writing	26	1.134	0.622	500.5	18.5	6	6	6	6	6
3579	Writing	27	1.516	0.620	511.9	18.4	6	6	6	6	6
3579	Writing	28	1.897	0.621	523.2	18.4	6	6	6	6	6
3579	Writing	29	2.280	0.624	534.6	18.5	7	6	7	7	7
3579	Writing	30	2.671	0.629	546.2	18.7	7	6	7	7	7
3579	Writing	31	3.071	0.634	558.0	18.8	7	6	7	7	7
3579	Writing	32	3.482	0.637	570.3	18.9	7	6	7	7	7
3579	Writing	33	3.894	0.636	582.5	18.9	8	6	8	8	8
3579	Writing	34	4.300	0.631	594.5	18.7	8	6	8	8	8
3579	Writing	35	4.694	0.625	606.2	18.6	8	6	8	8	8

D20. Years 3, 5, 7, and 9 Persuasive Writing Score Equivalence Table cont.

Year	Domain	Raw Score	Logit	Logit_SE	Scale Score	Scale SE	Band	Bands by Year			
								Y3	Y5	Y7	Y9
3579	Writing	36	5.078	0.621	617.6	18.4	8	6	8	8	8
3579	Writing	37	5.456	0.620	628.9	18.4	8	6	8	8	8
3579	Writing	38	5.835	0.623	640.1	18.5	9	6	8	9	9
3579	Writing	39	6.222	0.631	651.6	18.7	9	6	8	9	9
3579	Writing	40	6.623	0.641	663.5	19.0	9	6	8	9	9
3579	Writing	41	7.042	0.653	676.0	19.4	9	6	8	9	9
3579	Writing	42	7.475	0.665	688.8	19.7	10	6	8	9	10
3579	Writing	43	7.920	0.680	702.0	20.2	10	6	8	9	10
3579	Writing	44	8.381	0.702	715.7	20.9	10	6	8	9	10
3579	Writing	45	8.874	0.743	730.4	22.1	10	6	8	9	10
3579	Writing	46	9.436	0.820	747.0	24.3	10	6	8	9	10
3579	Writing	47	10.159	0.988	768.5	29.3	10	6	8	9	10
3579	Writing	48	11.461	1.599	807.2	47.5	10	6	8	9	10