

2018 SCORE EQUIVALENCE TABLES (PAPER TEST)

Table 1. Year 3 Reading Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
3	Reading	0	-5.284	1.501	-7.785	-101.9	101.0	1
3	Reading	1	-4.096	0.898	-6.013	17.3	60.4	1
3	Reading	2	-3.494	0.720	-5.115	77.8	48.4	1
3	Reading	3	-3.064	0.629	-4.474	120.8	42.3	1
3	Reading	4	-2.719	0.573	-3.959	155.5	38.5	1
3	Reading	5	-2.423	0.534	-3.518	185.2	35.9	1
3	Reading	6	-2.161	0.505	-3.126	211.5	34.0	1
3	Reading	7	-1.922	0.483	-2.769	235.5	32.5	1
3	Reading	8	-1.701	0.466	-2.440	257.7	31.3	1
3	Reading	9	-1.494	0.451	-2.131	278.4	30.3	2
3	Reading	10	-1.298	0.439	-1.839	298.1	29.5	2
3	Reading	11	-1.112	0.429	-1.562	316.7	28.8	2
3	Reading	12	-0.934	0.420	-1.297	334.6	28.2	3
3	Reading	13	-0.763	0.412	-1.041	351.7	27.7	3
3	Reading	14	-0.598	0.405	-0.795	368.3	27.3	3
3	Reading	15	-0.438	0.399	-0.556	384.4	26.9	4
3	Reading	16	-0.282	0.395	-0.324	400.0	26.5	4
3	Reading	17	-0.130	0.391	-0.097	415.3	26.3	4
3	Reading	18	0.019	0.388	0.126	430.3	26.1	5
3	Reading	19	0.167	0.385	0.346	445.0	25.9	5
3	Reading	20	0.312	0.384	0.563	459.6	25.8	5
3	Reading	21	0.457	0.384	0.779	474.2	25.8	5
3	Reading	22	0.601	0.384	0.994	488.7	25.8	6
3	Reading	23	0.747	0.386	1.211	503.2	26.0	6
3	Reading	24	0.894	0.389	1.430	518.0	26.2	6
3	Reading	25	1.043	0.393	1.653	533.0	26.4	6
3	Reading	26	1.196	0.399	1.881	548.3	26.8	6
3	Reading	27	1.354	0.407	2.117	564.2	27.4	6
3	Reading	28	1.519	0.417	2.363	580.7	28.0	6
3	Reading	29	1.693	0.430	2.623	598.2	28.9	6
3	Reading	30	1.879	0.447	2.901	616.9	30.0	6
3	Reading	31	2.082	0.468	3.202	637.2	31.5	6
3	Reading	32	2.306	0.497	3.538	659.7	33.4	6
3	Reading	33	2.564	0.537	3.921	685.5	36.1	6
3	Reading	34	2.870	0.595	4.379	716.3	40.0	6
3	Reading	35	3.261	0.687	4.962	755.6	46.2	6
3	Reading	36	3.826	0.868	5.804	812.2	58.4	6
3	Reading	37	4.978	1.468	7.523	927.8	98.7	6

Table 2. Year 5 Reading Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
5	Reading	0	-5.284	1.519	-6.712	-29.7	102.2	3
5	Reading	1	-4.068	0.907	-4.899	92.3	61.0	3
5	Reading	2	-3.449	0.723	-3.975	154.4	48.6	3
5	Reading	3	-3.012	0.625	-3.324	198.2	42.1	3
5	Reading	4	-2.669	0.563	-2.812	232.6	37.9	3
5	Reading	5	-2.383	0.519	-2.386	261.3	34.9	3
5	Reading	6	-2.136	0.486	-2.017	286.1	32.7	3
5	Reading	7	-1.916	0.461	-1.689	308.2	31.0	3
5	Reading	8	-1.717	0.440	-1.392	328.1	29.6	3
5	Reading	9	-1.534	0.424	-1.119	346.5	28.5	3
5	Reading	10	-1.363	0.410	-0.865	363.6	27.6	3
5	Reading	11	-1.202	0.399	-0.625	379.7	26.8	4
5	Reading	12	-1.050	0.390	-0.397	395.1	26.2	4
5	Reading	13	-0.904	0.382	-0.179	409.7	25.7	4
5	Reading	14	-0.763	0.375	0.031	423.9	25.3	4
5	Reading	15	-0.626	0.370	0.235	437.6	24.9	5
5	Reading	16	-0.493	0.366	0.433	450.9	24.6	5
5	Reading	17	-0.363	0.362	0.627	464.0	24.4	5
5	Reading	18	-0.235	0.360	0.819	476.8	24.2	5
5	Reading	19	-0.108	0.358	1.008	489.6	24.1	6
5	Reading	20	0.018	0.358	1.195	502.2	24.0	6
5	Reading	21	0.143	0.357	1.383	514.8	24.0	6
5	Reading	22	0.269	0.358	1.570	527.4	24.1	6
5	Reading	23	0.396	0.360	1.759	540.1	24.2	7
5	Reading	24	0.524	0.362	1.949	552.9	24.4	7
5	Reading	25	0.653	0.366	2.143	565.9	24.6	7
5	Reading	26	0.786	0.370	2.341	579.2	24.9	7
5	Reading	27	0.922	0.376	2.544	592.9	25.3	8
5	Reading	28	1.063	0.383	2.755	607.1	25.8	8
5	Reading	29	1.210	0.392	2.973	621.8	26.3	8
5	Reading	30	1.364	0.402	3.203	637.2	27.1	8
5	Reading	31	1.527	0.415	3.447	653.6	27.9	8
5	Reading	32	1.703	0.432	3.708	671.2	29.0	8
5	Reading	33	1.893	0.452	3.992	690.3	30.4	8
5	Reading	34	2.104	0.478	4.306	711.4	32.1	8
5	Reading	35	2.342	0.512	4.662	735.3	34.4	8
5	Reading	36	2.620	0.557	5.077	763.3	37.5	8
5	Reading	37	2.960	0.624	5.583	797.3	41.9	8
5	Reading	38	3.403	0.728	6.244	841.8	49.0	8
5	Reading	39	4.053	0.925	7.214	907.0	62.2	8
5	Reading	40	5.338	1.563	9.131	1036.0	105.2	8

Table 3. Year 7 Reading Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
7	Reading	0	-5.591	1.476	-4.344	129.6	99.3	4
7	Reading	1	-4.431	0.874	-3.054	216.4	58.8	4
7	Reading	2	-3.857	0.695	-2.416	259.2	46.7	4
7	Reading	3	-3.458	0.601	-1.973	289.1	40.5	4
7	Reading	4	-3.144	0.543	-1.623	312.6	36.5	4
7	Reading	5	-2.879	0.503	-1.329	332.4	33.8	4
7	Reading	6	-2.648	0.473	-1.072	349.7	31.8	4
7	Reading	7	-2.441	0.450	-0.842	365.2	30.3	4
7	Reading	8	-2.251	0.432	-0.631	379.4	29.0	4
7	Reading	9	-2.074	0.417	-0.434	392.6	28.0	4
7	Reading	10	-1.909	0.404	-0.250	404.9	27.2	4
7	Reading	11	-1.752	0.394	-0.076	416.7	26.5	4
7	Reading	12	-1.602	0.385	0.091	427.9	25.9	5
7	Reading	13	-1.458	0.378	0.250	438.6	25.4	5
7	Reading	14	-1.320	0.371	0.404	449.0	25.0	5
7	Reading	15	-1.186	0.365	0.553	459.0	24.6	5
7	Reading	16	-1.055	0.360	0.698	468.7	24.2	5
7	Reading	17	-0.928	0.356	0.839	478.2	23.9	6
7	Reading	18	-0.804	0.352	0.978	487.5	23.7	6
7	Reading	19	-0.682	0.349	1.113	496.6	23.5	6
7	Reading	20	-0.563	0.346	1.246	505.6	23.3	6
7	Reading	21	-0.445	0.344	1.377	514.4	23.1	6
7	Reading	22	-0.329	0.342	1.506	523.1	23.0	6
7	Reading	23	-0.213	0.340	1.634	531.7	22.9	7
7	Reading	24	-0.099	0.339	1.761	540.2	22.8	7
7	Reading	25	0.014	0.339	1.887	548.7	22.8	7
7	Reading	26	0.128	0.338	2.013	557.2	22.8	7
7	Reading	27	0.241	0.339	2.139	565.7	22.8	7
7	Reading	28	0.354	0.339	2.265	574.2	22.8	7
7	Reading	29	0.469	0.340	2.392	582.7	22.9	8
7	Reading	30	0.583	0.342	2.520	591.3	23.0	8
7	Reading	31	0.700	0.344	2.649	600.0	23.2	8
7	Reading	32	0.818	0.347	2.780	608.8	23.3	8
7	Reading	33	0.938	0.350	2.914	617.8	23.6	8
7	Reading	34	1.060	0.355	3.050	626.9	23.8	8
7	Reading	35	1.186	0.359	3.189	636.3	24.2	9
7	Reading	36	1.315	0.365	3.333	646.0	24.6	9
7	Reading	37	1.449	0.372	3.482	656.0	25.0	9
7	Reading	38	1.588	0.380	3.636	666.4	25.6	9
7	Reading	39	1.733	0.389	3.798	677.3	26.2	9
7	Reading	40	1.887	0.400	3.969	688.7	26.9	9
7	Reading	41	2.049	0.414	4.149	700.9	27.8	9
7	Reading	42	2.224	0.430	4.343	713.9	28.9	9
7	Reading	43	2.413	0.449	4.554	728.1	30.2	9
7	Reading	44	2.621	0.474	4.785	743.7	31.9	9
7	Reading	45	2.855	0.505	5.045	761.1	34.0	9
7	Reading	46	3.125	0.547	5.345	781.3	36.8	9
7	Reading	47	3.447	0.608	5.704	805.4	40.9	9

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
7	Reading	48	3.859	0.704	6.161	836.2	47.3	9
7	Reading	49	4.449	0.886	6.817	880.3	59.6	9
7	Reading	50	5.633	1.494	8.133	968.8	100.5	9

Table 4. Year 9 Reading Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
9	Reading	0	-5.832	1.522	-3.951	156.0	102.4	5
9	Reading	1	-4.613	0.909	-2.671	242.1	61.2	5
9	Reading	2	-3.991	0.725	-2.018	286.0	48.8	5
9	Reading	3	-3.552	0.628	-1.557	317.0	42.2	5
9	Reading	4	-3.206	0.566	-1.194	341.5	38.1	5
9	Reading	5	-2.917	0.522	-0.891	361.9	35.1	5
9	Reading	6	-2.667	0.488	-0.628	379.5	32.9	5
9	Reading	7	-2.445	0.462	-0.395	395.2	31.1	5
9	Reading	8	-2.244	0.441	-0.184	409.4	29.7	5
9	Reading	9	-2.059	0.424	0.010	422.4	28.5	5
9	Reading	10	-1.888	0.409	0.189	434.5	27.5	5
9	Reading	11	-1.728	0.397	0.358	445.8	26.7	5
9	Reading	12	-1.576	0.387	0.517	456.5	26.0	5
9	Reading	13	-1.432	0.378	0.668	466.7	25.4	5
9	Reading	14	-1.295	0.370	0.812	476.4	24.9	5
9	Reading	15	-1.162	0.363	0.951	485.8	24.4	6
9	Reading	16	-1.034	0.357	1.086	494.8	24.0	6
9	Reading	17	-0.910	0.352	1.216	503.6	23.7	6
9	Reading	18	-0.789	0.348	1.343	512.1	23.4	6
9	Reading	19	-0.671	0.344	1.467	520.5	23.2	6
9	Reading	20	-0.555	0.341	1.589	528.6	23.0	6
9	Reading	21	-0.441	0.339	1.709	536.7	22.8	7
9	Reading	22	-0.328	0.337	1.827	544.7	22.7	7
9	Reading	23	-0.216	0.336	1.944	552.6	22.6	7
9	Reading	24	-0.105	0.335	2.061	560.4	22.5	7
9	Reading	25	0.005	0.335	2.177	568.2	22.5	7
9	Reading	26	0.116	0.335	2.293	576.0	22.5	7
9	Reading	27	0.227	0.335	2.409	583.8	22.6	8
9	Reading	28	0.338	0.337	2.526	591.7	22.6	8
9	Reading	29	0.450	0.338	2.644	599.6	22.7	8
9	Reading	30	0.564	0.340	2.763	607.6	22.9	8
9	Reading	31	0.679	0.343	2.884	615.8	23.1	8
9	Reading	32	0.796	0.347	3.007	624.0	23.3	8
9	Reading	33	0.916	0.351	3.133	632.5	23.6	8
9	Reading	34	1.039	0.356	3.262	641.2	23.9	9
9	Reading	35	1.166	0.361	3.395	650.1	24.3	9
9	Reading	36	1.297	0.368	3.532	659.4	24.7	9
9	Reading	37	1.433	0.376	3.675	669.0	25.3	9
9	Reading	38	1.575	0.385	3.825	679.0	25.9	9
9	Reading	39	1.725	0.395	3.982	689.6	26.6	10
9	Reading	40	1.884	0.408	4.149	700.8	27.4	10
9	Reading	41	2.053	0.422	4.327	712.8	28.4	10
9	Reading	42	2.237	0.440	4.519	725.7	29.6	10
9	Reading	43	2.436	0.461	4.729	739.9	31.0	10
9	Reading	44	2.658	0.488	4.961	755.5	32.8	10
9	Reading	45	2.908	0.521	5.224	773.1	35.1	10
9	Reading	46	3.197	0.566	5.527	793.6	38.0	10
9	Reading	47	3.543	0.628	5.891	818.0	42.2	10

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
9	Reading	48	3.983	0.725	6.352	849.0	48.8	10
9	Reading	49	4.606	0.910	7.006	893.0	61.2	10
9	Reading	50	5.827	1.523	8.288	979.2	102.5	10

Table 5. Year 3 Spelling Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
3	Spelling	0	-5.943	1.627	-6.614	212.1	62.0	1
3	Spelling	1	-4.600	1.007	-5.249	264.1	38.4	1
3	Spelling	2	-3.836	0.830	-4.473	293.7	31.6	2
3	Spelling	3	-3.250	0.738	-3.878	316.4	28.1	2
3	Spelling	4	-2.762	0.680	-3.382	335.3	25.9	3
3	Spelling	5	-2.338	0.640	-2.951	351.7	24.4	3
3	Spelling	6	-1.957	0.611	-2.564	366.4	23.3	3
3	Spelling	7	-1.605	0.590	-2.206	380.1	22.5	4
3	Spelling	8	-1.273	0.574	-1.869	392.9	21.9	4
3	Spelling	9	-0.954	0.563	-1.545	405.3	21.5	4
3	Spelling	10	-0.646	0.554	-1.232	417.2	21.1	4
3	Spelling	11	-0.345	0.548	-0.927	428.8	20.9	5
3	Spelling	12	-0.051	0.543	-0.628	440.2	20.7	5
3	Spelling	13	0.239	0.540	-0.333	451.5	20.6	5
3	Spelling	14	0.527	0.539	-0.041	462.6	20.6	5
3	Spelling	15	0.814	0.541	0.250	473.7	20.6	5
3	Spelling	16	1.103	0.544	0.544	484.9	20.7	6
3	Spelling	17	1.397	0.551	0.843	496.3	21.0	6
3	Spelling	18	1.699	0.561	1.150	508.0	21.4	6
3	Spelling	19	2.014	0.576	1.470	520.2	22.0	6
3	Spelling	20	2.348	0.599	1.809	533.1	22.8	6
3	Spelling	21	2.710	0.631	2.177	547.1	24.1	6
3	Spelling	22	3.119	0.682	2.592	562.9	26.0	6
3	Spelling	23	3.609	0.768	3.090	581.9	29.3	6
3	Spelling	24	4.270	0.943	3.762	607.5	35.9	6
3	Spelling	25	5.517	1.552	5.028	655.8	59.2	6

Table 6. Year 5 Spelling Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
5	Spelling	0	-5.780	1.677	-4.475	293.6	63.9	3
5	Spelling	1	-4.347	1.025	-3.060	347.5	39.0	3
5	Spelling	2	-3.549	0.829	-2.273	377.5	31.6	4
5	Spelling	3	-2.971	0.728	-1.702	399.3	27.7	4
5	Spelling	4	-2.503	0.666	-1.241	416.9	25.4	4
5	Spelling	5	-2.100	0.624	-0.843	432.0	23.8	5
5	Spelling	6	-1.738	0.593	-0.486	445.6	22.6	5
5	Spelling	7	-1.406	0.570	-0.158	458.1	21.7	5
5	Spelling	8	-1.095	0.552	0.148	469.8	21.0	5
5	Spelling	9	-0.803	0.537	0.437	480.8	20.5	6
5	Spelling	10	-0.524	0.525	0.712	491.3	20.0	6
5	Spelling	11	-0.258	0.515	0.975	501.3	19.6	6
5	Spelling	12	0.000	0.508	1.230	511.0	19.4	6
5	Spelling	13	0.251	0.504	1.477	520.4	19.2	6
5	Spelling	14	0.498	0.501	1.721	529.7	19.1	6
5	Spelling	15	0.743	0.502	1.963	539.0	19.1	7
5	Spelling	16	0.990	0.506	2.207	548.2	19.3	7
5	Spelling	17	1.242	0.514	2.455	557.7	19.6	7
5	Spelling	18	1.504	0.527	2.714	567.6	20.1	7
5	Spelling	19	1.781	0.546	2.987	578.0	20.8	7
5	Spelling	20	2.082	0.573	3.284	589.3	21.8	8
5	Spelling	21	2.419	0.611	3.617	602.0	23.3	8
5	Spelling	22	2.812	0.670	4.004	616.8	25.5	8
5	Spelling	23	3.298	0.764	4.485	635.1	29.1	8
5	Spelling	24	3.970	0.946	5.148	660.3	36.1	8
5	Spelling	25	5.239	1.564	6.400	708.0	59.6	8

Table 7. Year 7 Spelling Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
7	Spelling	0	-5.364	1.584	-3.348	336.6	60.3	4
7	Spelling	1	-4.080	0.973	-2.006	387.7	37.1	4
7	Spelling	2	-3.371	0.798	-1.265	415.9	30.4	4
7	Spelling	3	-2.832	0.709	-0.702	437.4	27.0	5
7	Spelling	4	-2.383	0.650	-0.232	455.3	24.8	5
7	Spelling	5	-1.994	0.607	0.175	470.8	23.1	5
7	Spelling	6	-1.650	0.574	0.534	484.5	21.9	6
7	Spelling	7	-1.340	0.549	0.857	496.8	20.9	6
7	Spelling	8	-1.056	0.529	1.154	508.1	20.1	6
7	Spelling	9	-0.791	0.513	1.432	518.7	19.6	6
7	Spelling	10	-0.540	0.502	1.695	528.7	19.1	6
7	Spelling	11	-0.297	0.494	1.948	538.4	18.8	7
7	Spelling	12	-0.062	0.490	2.194	547.8	18.7	7
7	Spelling	13	0.171	0.488	2.438	557.1	18.6	7
7	Spelling	14	0.404	0.489	2.681	566.3	18.6	7
7	Spelling	15	0.638	0.493	2.926	575.7	18.8	7
7	Spelling	16	0.879	0.501	3.177	585.2	19.1	8
7	Spelling	17	1.128	0.512	3.437	595.1	19.5	8
7	Spelling	18	1.390	0.528	3.712	605.6	20.1	8
7	Spelling	19	1.672	0.549	4.006	616.8	20.9	8
7	Spelling	20	1.980	0.579	4.328	629.1	22.0	8
7	Spelling	21	2.328	0.619	4.692	643.0	23.6	9
7	Spelling	22	2.734	0.679	5.116	659.1	25.9	9
7	Spelling	23	3.235	0.773	5.640	679.1	29.5	9
7	Spelling	24	3.921	0.956	6.358	706.4	36.4	9
7	Spelling	25	5.202	1.575	7.697	757.5	60.0	9

Table 8. Year 9 Spelling Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
9	Spelling	0	-5.451	1.597	-2.586	365.6	60.8	5
9	Spelling	1	-4.142	0.975	-1.140	420.7	37.2	5
9	Spelling	2	-3.427	0.793	-0.348	450.9	30.2	5
9	Spelling	3	-2.897	0.699	0.238	473.2	26.7	5
9	Spelling	4	-2.464	0.640	0.716	491.5	24.4	6
9	Spelling	5	-2.092	0.599	1.128	507.2	22.8	6
9	Spelling	6	-1.759	0.570	1.496	521.2	21.7	6
9	Spelling	7	-1.454	0.549	1.834	534.0	20.9	7
9	Spelling	8	-1.168	0.533	2.150	546.1	20.3	7
9	Spelling	9	-0.897	0.521	2.450	557.5	19.9	7
9	Spelling	10	-0.635	0.513	2.740	568.6	19.5	7
9	Spelling	11	-0.380	0.507	3.022	579.3	19.3	7
9	Spelling	12	-0.129	0.504	3.299	589.9	19.2	8
9	Spelling	13	0.121	0.504	3.575	600.4	19.2	8
9	Spelling	14	0.370	0.505	3.851	610.9	19.3	8
9	Spelling	15	0.622	0.509	4.129	621.5	19.4	8
9	Spelling	16	0.879	0.517	4.413	632.3	19.7	8
9	Spelling	17	1.144	0.528	4.707	643.5	20.1	9
9	Spelling	18	1.422	0.544	5.015	655.3	20.7	9
9	Spelling	19	1.720	0.566	5.344	667.8	21.6	9
9	Spelling	20	2.048	0.599	5.706	681.6	22.8	9
9	Spelling	21	2.421	0.645	6.119	697.3	24.6	10
9	Spelling	22	2.867	0.714	6.613	716.2	27.2	10
9	Spelling	23	3.440	0.823	7.246	740.3	31.4	10
9	Spelling	24	4.249	1.027	8.140	774.4	39.1	10
9	Spelling	25	5.694	1.682	9.738	835.3	64.1	10

Table 9. Year 3 Grammar and Punctuation Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
3	GP	0	-4.953	1.572	-6.552	-73.7	115.5	1
3	GP	1	-3.674	0.954	-4.788	56.0	70.1	1
3	GP	2	-2.989	0.771	-3.842	125.5	56.7	1
3	GP	3	-2.490	0.674	-3.153	176.1	49.6	1
3	GP	4	-2.089	0.613	-2.600	216.8	45.1	1
3	GP	5	-1.749	0.570	-2.130	251.3	41.9	1
3	GP	6	-1.450	0.539	-1.717	281.7	39.6	2
3	GP	7	-1.179	0.515	-1.343	309.2	37.9	2
3	GP	8	-0.929	0.498	-0.998	334.5	36.6	3
3	GP	9	-0.694	0.484	-0.674	358.4	35.6	3
3	GP	10	-0.470	0.475	-0.365	381.1	34.9	4
3	GP	11	-0.254	0.468	-0.066	403.1	34.4	4
3	GP	12	-0.043	0.464	0.226	424.5	34.1	4
3	GP	13	0.166	0.462	0.514	445.7	34.0	5
3	GP	14	0.375	0.463	0.802	466.9	34.0	5
3	GP	15	0.585	0.467	1.092	488.2	34.3	6
3	GP	16	0.800	0.473	1.389	510.0	34.7	6
3	GP	17	1.021	0.482	1.694	532.4	35.4	6
3	GP	18	1.252	0.495	2.013	555.9	36.4	6
3	GP	19	1.498	0.514	2.353	580.8	37.8	6
3	GP	20	1.764	0.539	2.720	607.9	39.6	6
3	GP	21	2.062	0.576	3.131	638.0	42.3	6
3	GP	22	2.407	0.630	3.607	673.0	46.3	6
3	GP	23	2.834	0.720	4.197	716.4	52.9	6
3	GP	24	3.434	0.897	5.025	777.3	65.9	6
3	GP	25	4.619	1.500	6.661	897.5	110.2	6

Table 10. Year 5 Grammar and Punctuation Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
5	GP	0	-4.934	1.554	-5.660	-8.1	114.2	3
5	GP	1	-3.678	0.937	-3.942	118.1	68.9	3
5	GP	2	-3.021	0.755	-3.044	184.2	55.5	3
5	GP	3	-2.547	0.662	-2.396	231.8	48.6	3
5	GP	4	-2.163	0.605	-1.872	270.3	44.4	3
5	GP	5	-1.834	0.566	-1.421	303.5	41.6	3
5	GP	6	-1.539	0.539	-1.018	333.1	39.6	3
5	GP	7	-1.268	0.519	-0.647	360.4	38.1	3
5	GP	8	-1.013	0.504	-0.299	385.9	37.1	4
5	GP	9	-0.770	0.494	0.033	410.3	36.3	4
5	GP	10	-0.536	0.486	0.354	433.9	35.7	5
5	GP	11	-0.306	0.481	0.667	457.0	35.4	5
5	GP	12	-0.080	0.479	0.976	479.7	35.2	6
5	GP	13	0.144	0.478	1.284	502.3	35.1	6
5	GP	14	0.369	0.479	1.591	524.9	35.2	6
5	GP	15	0.596	0.483	1.901	547.6	35.5	7
5	GP	16	0.826	0.488	2.216	570.8	35.9	7
5	GP	17	1.063	0.496	2.539	594.5	36.5	8
5	GP	18	1.308	0.509	2.874	619.2	37.4	8
5	GP	19	1.566	0.526	3.227	645.1	38.6	8
5	GP	20	1.844	0.550	3.607	673.0	40.4	8
5	GP	21	2.151	0.585	4.027	703.9	43.0	8
5	GP	22	2.505	0.638	4.511	739.5	46.9	8
5	GP	23	2.941	0.727	5.107	783.3	53.4	8
5	GP	24	3.548	0.904	5.937	844.3	66.4	8
5	GP	25	4.740	1.506	7.567	964.1	110.7	8

Table 11. Year 7 Grammar and Punctuation Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
7	GP	0	-4.847	1.529	-3.771	130.7	112.4	4
7	GP	1	-3.625	0.920	-2.447	228.0	67.6	4
7	GP	2	-2.994	0.741	-1.763	278.3	54.5	4
7	GP	3	-2.539	0.651	-1.269	314.6	47.9	4
7	GP	4	-2.169	0.596	-0.869	344.1	43.8	4
7	GP	5	-1.848	0.559	-0.522	369.6	41.1	4
7	GP	6	-1.560	0.533	-0.210	392.5	39.2	4
7	GP	7	-1.294	0.515	0.079	413.7	37.9	4
7	GP	8	-1.043	0.502	0.351	433.7	36.9	5
7	GP	9	-0.802	0.492	0.612	452.9	36.2	5
7	GP	10	-0.569	0.485	0.865	471.5	35.7	5
7	GP	11	-0.340	0.481	1.113	489.7	35.4	6
7	GP	12	-0.114	0.480	1.358	507.7	35.2	6
7	GP	13	0.112	0.480	1.603	525.7	35.3	6
7	GP	14	0.339	0.482	1.849	543.8	35.4	7
7	GP	15	0.569	0.486	2.097	562.1	35.7	7
7	GP	16	0.803	0.493	2.352	580.8	36.2	7
7	GP	17	1.045	0.503	2.614	600.0	36.9	8
7	GP	18	1.298	0.516	2.888	620.2	37.9	8
7	GP	19	1.566	0.534	3.178	641.5	39.3	9
7	GP	20	1.854	0.559	3.490	664.5	41.1	9
7	GP	21	2.174	0.595	3.837	689.9	43.7	9
7	GP	22	2.542	0.649	4.235	719.2	47.7	9
7	GP	23	2.993	0.738	4.724	755.1	54.3	9
7	GP	24	3.616	0.915	5.400	804.8	67.3	9
7	GP	25	4.826	1.521	6.711	901.2	111.8	9

Table 12. Year 9 Grammar and Punctuation Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
9	GP	0	-4.873	1.539	-3.110	179.3	113.1	5
9	GP	1	-3.638	0.927	-1.694	283.4	68.2	5
9	GP	2	-2.996	0.748	-0.957	337.5	55.0	5
9	GP	3	-2.531	0.657	-0.425	376.7	48.3	5
9	GP	4	-2.154	0.601	0.008	408.5	44.2	5
9	GP	5	-1.828	0.564	0.383	436.0	41.4	5
9	GP	6	-1.535	0.537	0.719	460.7	39.5	5
9	GP	7	-1.264	0.518	1.028	483.5	38.0	6
9	GP	8	-1.011	0.503	1.320	504.9	37.0	6
9	GP	9	-0.768	0.493	1.597	525.3	36.2	6
9	GP	10	-0.535	0.485	1.866	545.0	35.6	7
9	GP	11	-0.307	0.480	2.127	564.3	35.3	7
9	GP	12	-0.082	0.477	2.384	583.2	35.1	8
9	GP	13	0.140	0.476	2.640	601.9	35.0	8
9	GP	14	0.363	0.477	2.895	620.7	35.1	8
9	GP	15	0.587	0.480	3.152	639.6	35.3	9
9	GP	16	0.815	0.486	3.414	658.8	35.7	9
9	GP	17	1.050	0.495	3.683	678.6	36.4	9
9	GP	18	1.293	0.508	3.962	699.1	37.3	10
9	GP	19	1.551	0.525	4.258	720.9	38.6	10
9	GP	20	1.829	0.550	4.577	744.3	40.4	10
9	GP	21	2.137	0.585	4.930	770.3	43.0	10
9	GP	22	2.492	0.639	5.337	800.2	47.0	10
9	GP	23	2.930	0.728	5.839	837.1	53.5	10
9	GP	24	3.539	0.905	6.538	888.4	66.5	10
9	GP	25	4.733	1.508	7.907	989.1	110.8	10

Table 13. Year 3 Numeracy Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
3	Numeracy	0	-5.421	1.531	-5.977	92.4	91.9	1
3	Numeracy	1	-4.194	0.918	-4.852	160.0	55.1	1
3	Numeracy	2	-3.562	0.735	-4.272	194.8	44.2	1
3	Numeracy	3	-3.111	0.641	-3.859	219.6	38.5	1
3	Numeracy	4	-2.751	0.581	-3.530	239.4	34.9	1
3	Numeracy	5	-2.447	0.539	-3.251	256.1	32.4	1
3	Numeracy	6	-2.179	0.508	-3.006	270.8	30.5	2
3	Numeracy	7	-1.939	0.484	-2.785	284.1	29.1	2
3	Numeracy	8	-1.718	0.465	-2.583	296.2	27.9	2
3	Numeracy	9	-1.513	0.450	-2.394	307.5	27.0	2
3	Numeracy	10	-1.319	0.438	-2.217	318.2	26.3	2
3	Numeracy	11	-1.135	0.428	-2.048	328.3	25.7	3
3	Numeracy	12	-0.958	0.420	-1.886	338.1	25.2	3
3	Numeracy	13	-0.787	0.414	-1.730	347.5	24.8	3
3	Numeracy	14	-0.621	0.409	-1.577	356.6	24.5	3
3	Numeracy	15	-0.458	0.405	-1.428	365.6	24.3	3
3	Numeracy	16	-0.298	0.402	-1.281	374.4	24.1	4
3	Numeracy	17	-0.139	0.400	-1.136	383.1	24.0	4
3	Numeracy	18	0.018	0.400	-0.992	391.8	24.0	4
3	Numeracy	19	0.176	0.400	-0.847	400.5	24.0	4
3	Numeracy	20	0.333	0.401	-0.703	409.1	24.1	4
3	Numeracy	21	0.492	0.403	-0.557	417.9	24.2	4
3	Numeracy	22	0.654	0.407	-0.409	426.8	24.4	5
3	Numeracy	23	0.818	0.411	-0.259	435.8	24.7	5
3	Numeracy	24	0.986	0.417	-0.104	445.1	25.0	5
3	Numeracy	25	1.160	0.424	0.055	454.6	25.5	5
3	Numeracy	26	1.340	0.434	0.220	464.6	26.0	5
3	Numeracy	27	1.529	0.445	0.393	475.0	26.7	5
3	Numeracy	28	1.729	0.459	0.577	486.0	27.6	6
3	Numeracy	29	1.944	0.477	0.773	497.8	28.7	6
3	Numeracy	30	2.176	0.500	0.986	510.6	30.0	6
3	Numeracy	31	2.434	0.529	1.222	524.8	31.8	6
3	Numeracy	32	2.726	0.570	1.490	540.8	34.2	6
3	Numeracy	33	3.070	0.628	1.806	559.8	37.7	6
3	Numeracy	34	3.501	0.720	2.200	583.5	43.3	6
3	Numeracy	35	4.106	0.900	2.755	616.8	54.0	6
3	Numeracy	36	5.300	1.505	3.849	682.5	90.4	6

Table 14. Year 5 Numeracy Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
5	Numeracy	0	-5.570	1.507	-4.261	195.5	90.5	3
5	Numeracy	1	-4.370	0.898	-3.219	258.0	53.9	3
5	Numeracy	2	-3.764	0.716	-2.693	289.6	43.0	3
5	Numeracy	3	-3.338	0.621	-2.323	311.9	37.3	3
5	Numeracy	4	-3.001	0.561	-2.030	329.4	33.7	3
5	Numeracy	5	-2.718	0.520	-1.785	344.2	31.2	3
5	Numeracy	6	-2.471	0.489	-1.570	357.0	29.4	3
5	Numeracy	7	-2.249	0.465	-1.378	368.6	27.9	3
5	Numeracy	8	-2.046	0.447	-1.201	379.2	26.8	4
5	Numeracy	9	-1.858	0.432	-1.037	389.0	26.0	4
5	Numeracy	10	-1.680	0.420	-0.883	398.3	25.2	4
5	Numeracy	11	-1.511	0.411	-0.736	407.1	24.7	4
5	Numeracy	12	-1.348	0.403	-0.595	415.6	24.2	4
5	Numeracy	13	-1.191	0.396	-0.459	423.8	23.8	4
5	Numeracy	14	-1.039	0.391	-0.327	431.7	23.5	5
5	Numeracy	15	-0.890	0.387	-0.197	439.5	23.2	5
5	Numeracy	16	-0.743	0.384	-0.070	447.1	23.1	5
5	Numeracy	17	-0.599	0.382	0.055	454.7	22.9	5
5	Numeracy	18	-0.456	0.380	0.179	462.1	22.8	5
5	Numeracy	19	-0.314	0.379	0.303	469.5	22.8	5
5	Numeracy	20	-0.172	0.379	0.426	476.9	22.7	5
5	Numeracy	21	-0.030	0.379	0.549	484.3	22.8	6
5	Numeracy	22	0.112	0.380	0.673	491.7	22.8	6
5	Numeracy	23	0.256	0.382	0.797	499.2	22.9	6
5	Numeracy	24	0.400	0.384	0.923	506.8	23.1	6
5	Numeracy	25	0.547	0.387	1.050	514.4	23.2	6
5	Numeracy	26	0.697	0.390	1.180	522.2	23.4	6
5	Numeracy	27	0.849	0.395	1.312	530.2	23.7	7
5	Numeracy	28	1.005	0.400	1.448	538.3	24.0	7
5	Numeracy	29	1.166	0.406	1.587	546.7	24.4	7
5	Numeracy	30	1.332	0.413	1.731	555.3	24.8	7
5	Numeracy	31	1.504	0.422	1.881	564.3	25.3	7
5	Numeracy	32	1.684	0.432	2.037	573.7	25.9	7
5	Numeracy	33	1.873	0.444	2.201	583.5	26.7	8
5	Numeracy	34	2.073	0.458	2.375	594.0	27.5	8
5	Numeracy	35	2.287	0.476	2.561	605.1	28.6	8
5	Numeracy	36	2.519	0.498	2.762	617.2	29.9	8
5	Numeracy	37	2.774	0.527	2.984	630.5	31.6	8
5	Numeracy	38	3.062	0.566	3.234	645.6	34.0	8
5	Numeracy	39	3.400	0.623	3.527	663.2	37.4	8
5	Numeracy	40	3.822	0.714	3.894	685.2	42.9	8
5	Numeracy	41	4.417	0.892	4.410	716.2	53.6	8
5	Numeracy	42	5.598	1.495	5.436	777.8	89.8	8

Table 15. Year 7 Numeracy Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
7	Numeracy	0	-5.718	1.525	-3.904	216.9	91.6	4
7	Numeracy	1	-4.493	0.909	-2.680	290.4	54.6	4
7	Numeracy	2	-3.870	0.723	-2.058	327.8	43.4	4
7	Numeracy	3	-3.433	0.625	-1.622	353.9	37.5	4
7	Numeracy	4	-3.091	0.562	-1.280	374.5	33.7	4
7	Numeracy	5	-2.807	0.517	-0.996	391.5	31.1	4
7	Numeracy	6	-2.561	0.484	-0.750	406.3	29.1	4
7	Numeracy	7	-2.343	0.458	-0.533	419.4	27.5	4
7	Numeracy	8	-2.146	0.437	-0.336	431.2	26.3	5
7	Numeracy	9	-1.965	0.420	-0.155	442.0	25.2	5
7	Numeracy	10	-1.797	0.406	0.012	452.1	24.4	5
7	Numeracy	11	-1.640	0.394	0.170	461.5	23.7	5
7	Numeracy	12	-1.491	0.384	0.318	470.5	23.0	5
7	Numeracy	13	-1.350	0.375	0.460	479.0	22.5	6
7	Numeracy	14	-1.214	0.368	0.595	487.1	22.1	6
7	Numeracy	15	-1.083	0.361	0.726	495.0	21.7	6
7	Numeracy	16	-0.956	0.356	0.853	502.6	21.4	6
7	Numeracy	17	-0.833	0.352	0.976	510.0	21.1	6
7	Numeracy	18	-0.712	0.348	1.096	517.2	20.9	6
7	Numeracy	19	-0.594	0.345	1.215	524.3	20.7	6
7	Numeracy	20	-0.477	0.343	1.331	531.3	20.6	7
7	Numeracy	21	-0.362	0.341	1.446	538.2	20.5	7
7	Numeracy	22	-0.248	0.340	1.561	545.1	20.4	7
7	Numeracy	23	-0.134	0.340	1.675	551.9	20.4	7
7	Numeracy	24	-0.020	0.340	1.788	558.7	20.4	7
7	Numeracy	25	0.095	0.341	1.903	565.6	20.5	7
7	Numeracy	26	0.210	0.342	2.017	572.5	20.5	7
7	Numeracy	27	0.326	0.344	2.133	579.4	20.6	7
7	Numeracy	28	0.443	0.346	2.251	586.5	20.8	8
7	Numeracy	29	0.562	0.349	2.370	593.7	21.0	8
7	Numeracy	30	0.684	0.353	2.491	600.9	21.2	8
7	Numeracy	31	0.808	0.357	2.615	608.4	21.4	8
7	Numeracy	32	0.936	0.362	2.743	616.1	21.7	8
7	Numeracy	33	1.067	0.368	2.874	623.9	22.1	8
7	Numeracy	34	1.203	0.374	3.010	632.1	22.5	8
7	Numeracy	35	1.344	0.382	3.151	640.6	22.9	9
7	Numeracy	36	1.491	0.390	3.298	649.4	23.4	9
7	Numeracy	37	1.646	0.401	3.452	658.7	24.1	9
7	Numeracy	38	1.809	0.413	3.615	668.4	24.8	9
7	Numeracy	39	1.983	0.427	3.789	678.9	25.6	9
7	Numeracy	40	2.169	0.443	3.975	690.0	26.6	9
7	Numeracy	41	2.371	0.464	4.176	702.2	27.8	9
7	Numeracy	42	2.593	0.489	4.399	715.5	29.4	9
7	Numeracy	43	2.843	0.521	4.648	730.4	31.3	9
7	Numeracy	44	3.129	0.564	4.934	747.7	33.9	9
7	Numeracy	45	3.472	0.625	5.276	768.2	37.5	9
7	Numeracy	46	3.906	0.722	5.710	794.2	43.3	9
7	Numeracy	47	4.522	0.906	6.326	831.2	54.4	9
7	Numeracy	48	5.738	1.519	7.540	904.1	91.2	9

Table 16. Year 9 Numeracy Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Logit SE	Transformed Logit	NAPLAN Scale Score	Scale Score SE	Band
9	Numeracy	0	-5.759	1.498	-2.335	311.1	90.0	5
9	Numeracy	1	-4.569	0.888	-1.246	376.5	53.3	5
9	Numeracy	2	-3.975	0.705	-0.703	409.1	42.3	5
9	Numeracy	3	-3.563	0.609	-0.325	431.8	36.6	5
9	Numeracy	4	-3.239	0.549	-0.029	449.6	33.0	5
9	Numeracy	5	-2.969	0.507	0.218	464.4	30.5	5
9	Numeracy	6	-2.734	0.477	0.433	477.3	28.6	5
9	Numeracy	7	-2.524	0.453	0.625	488.9	27.2	6
9	Numeracy	8	-2.332	0.435	0.801	499.4	26.1	6
9	Numeracy	9	-2.154	0.420	0.964	509.2	25.2	6
9	Numeracy	10	-1.986	0.408	1.117	518.4	24.5	6
9	Numeracy	11	-1.827	0.398	1.263	527.2	23.9	6
9	Numeracy	12	-1.674	0.390	1.402	535.6	23.4	7
9	Numeracy	13	-1.527	0.384	1.537	543.6	23.1	7
9	Numeracy	14	-1.384	0.379	1.668	551.5	22.7	7
9	Numeracy	15	-1.244	0.375	1.796	559.2	22.5	7
9	Numeracy	16	-1.107	0.371	1.921	566.7	22.3	7
9	Numeracy	17	-0.972	0.369	2.045	574.1	22.1	7
9	Numeracy	18	-0.839	0.367	2.167	581.5	22.0	7
9	Numeracy	19	-0.706	0.365	2.288	588.7	21.9	8
9	Numeracy	20	-0.575	0.364	2.408	596.0	21.9	8
9	Numeracy	21	-0.443	0.364	2.529	603.2	21.9	8
9	Numeracy	22	-0.312	0.364	2.649	610.4	21.9	8
9	Numeracy	23	-0.180	0.364	2.769	617.6	21.9	8
9	Numeracy	24	-0.048	0.365	2.890	624.9	21.9	8
9	Numeracy	25	0.085	0.366	3.011	632.2	22.0	8
9	Numeracy	26	0.218	0.368	3.134	639.5	22.1	9
9	Numeracy	27	0.353	0.370	3.257	647.0	22.2	9
9	Numeracy	28	0.490	0.372	3.382	654.5	22.3	9
9	Numeracy	29	0.628	0.374	3.509	662.1	22.5	9
9	Numeracy	30	0.768	0.377	3.637	669.8	22.7	9
9	Numeracy	31	0.911	0.381	3.767	677.6	22.9	9
9	Numeracy	32	1.056	0.385	3.900	685.6	23.1	9
9	Numeracy	33	1.205	0.389	4.036	693.7	23.4	10
9	Numeracy	34	1.357	0.394	4.175	702.1	23.7	10
9	Numeracy	35	1.513	0.400	4.318	710.6	24.0	10
9	Numeracy	36	1.674	0.407	4.465	719.5	24.4	10
9	Numeracy	37	1.840	0.415	4.618	728.7	24.9	10
9	Numeracy	38	2.014	0.424	4.776	738.2	25.5	10
9	Numeracy	39	2.195	0.435	4.943	748.2	26.2	10
9	Numeracy	40	2.387	0.449	5.118	758.7	27.0	10
9	Numeracy	41	2.592	0.466	5.305	769.9	28.0	10
9	Numeracy	42	2.813	0.488	5.508	782.1	29.3	10
9	Numeracy	43	3.057	0.516	5.731	795.5	31.0	10
9	Numeracy	44	3.333	0.555	5.983	810.7	33.3	10
9	Numeracy	45	3.658	0.611	6.280	828.5	36.7	10
9	Numeracy	46	4.066	0.703	6.654	850.9	42.2	10
9	Numeracy	47	4.647	0.881	7.185	882.8	52.9	10
9	Numeracy	48	5.813	1.482	8.253	946.9	89.0	10

Table 17. Year 3, 5, 7, and 9 Writing Score Equivalence Table 2018

Year	Domain	Raw Score	Delta-Centred Logit	Transformed Logit	Logit SE	NAPLAN Scale Score	Scale Score SE	Band
3579	Writing	0	-12.539	1.763	-12.540	94.5	52.3	1
3579	Writing	1	-10.960	1.078	-10.960	141.4	32.0	1
3579	Writing	2	-10.075	0.869	-10.070	167.9	25.8	1
3579	Writing	3	-9.450	0.770	-9.450	186.3	22.9	1
3579	Writing	4	-8.933	0.719	-8.933	201.6	21.3	1
3579	Writing	5	-8.463	0.694	-8.463	215.6	20.6	1
3579	Writing	6	-8.008	0.684	-8.008	229.1	20.3	1
3579	Writing	7	-7.551	0.685	-7.551	242.7	20.3	1
3579	Writing	8	-7.083	0.690	-7.083	256.6	20.5	1
3579	Writing	9	-6.600	0.695	-6.600	270.9	20.6	2
3579	Writing	10	-6.110	0.698	-6.110	285.4	20.7	2
3579	Writing	11	-5.622	0.698	-5.622	299.9	20.7	2
3579	Writing	12	-5.136	0.699	-5.136	314.4	20.8	2
3579	Writing	13	-4.647	0.702	-4.647	328.9	20.8	3
3579	Writing	14	-4.151	0.705	-4.151	343.6	20.9	3
3579	Writing	15	-3.649	0.705	-3.649	358.5	20.9	3
3579	Writing	16	-3.146	0.700	-3.146	373.5	20.8	3
3579	Writing	17	-2.655	0.690	-2.655	388.0	20.5	4
3579	Writing	18	-2.185	0.678	-2.185	402.0	20.1	4
3579	Writing	19	-1.735	0.666	-1.735	415.3	19.8	4
3579	Writing	20	-1.300	0.657	-1.300	428.3	19.5	5
3579	Writing	21	-0.875	0.650	-0.875	440.9	19.3	5
3579	Writing	22	-0.457	0.643	-0.457	453.3	19.1	5
3579	Writing	23	-0.047	0.637	-0.047	465.5	18.9	5
3579	Writing	24	0.354	0.631	0.354	477.4	18.7	5
3579	Writing	25	0.747	0.626	0.747	489.0	18.6	6
3579	Writing	26	1.134	0.622	1.134	500.5	18.5	6
3579	Writing	27	1.516	0.620	1.516	511.9	18.4	6
3579	Writing	28	1.897	0.621	1.897	523.2	18.4	6
3579	Writing	29	2.280	0.624	2.280	534.6	18.5	7
3579	Writing	30	2.671	0.629	2.671	546.2	18.7	7
3579	Writing	31	3.071	0.634	3.071	558.0	18.8	7
3579	Writing	32	3.482	0.637	3.482	570.3	18.9	7
3579	Writing	33	3.894	0.636	3.894	582.5	18.9	8
3579	Writing	34	4.300	0.631	4.300	594.5	18.7	8
3579	Writing	35	4.694	0.625	4.694	606.2	18.6	8
3579	Writing	36	5.078	0.621	5.078	617.6	18.4	8
3579	Writing	37	5.456	0.620	5.456	628.9	18.4	8
3579	Writing	38	5.835	0.623	5.835	640.1	18.5	9
3579	Writing	39	6.222	0.631	6.222	651.6	18.7	9
3579	Writing	40	6.623	0.641	6.623	663.5	19.0	9
3579	Writing	41	7.042	0.653	7.042	676.0	19.4	9
3579	Writing	42	7.475	0.665	7.475	688.8	19.7	10
3579	Writing	43	7.920	0.680	7.920	702.0	20.2	10
3579	Writing	44	8.381	0.702	8.381	715.7	20.9	10
3579	Writing	45	8.874	0.743	8.874	730.4	22.1	10
3579	Writing	46	9.436	0.820	9.436	747.0	24.3	10
3579	Writing	47	10.159	0.988	10.159	768.5	29.3	10
3579	Writing	48	11.461	1.599	11.461	807.2	47.5	10

