

10 Learning and cognition outcomes

flc08a1a: 10/11 - P1 - F2F C7.2 - Reading progress

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-9	-9	33.76	0.90	33.76	0.90
-2	-2	40.11	1.07	73.87	1.96
Much better	1	1262.27	33.54	1336.13	35.50
A little better	2	950.46	25.25	2286.60	60.75
About the same	3	1093.10	29.04	3379.70	89.79
A little worse	4	313.50	8.33	3693.20	98.12
Much worse	5	70.80	1.88	3764.00	100.00

flc08a2a: 10/11 - P1 - F2F C7.3 - Maths progress

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-9	-9	33.76	0.90	33.76	0.90
-2	-2	37.39	0.99	71.15	1.89
Much better	1	916.58	24.35	987.72	26.24
A little better	2	1017.08	27.02	2004.80	53.26
About the same	3	1315.22	34.94	3320.02	88.20
A little worse	4	378.72	10.06	3698.75	98.27
Much worse	5	65.25	1.73	3764.00	100.00

flc08a3a: 10/11 - P1 - F2F C7.4 - Overall school achievement

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-9	-9	33.76	0.90	33.76	0.90
-2	-2	11.01	0.29	44.77	1.19
Excellent	1	717.99	19.08	762.76	20.26
Above average	2	1304.25	34.65	2067.01	54.92
Average	3	1451.21	38.56	3518.22	93.47
Below average	4	202.97	5.39	3721.19	98.86
Well below average	5	42.81	1.14	3764.00	100.00

fmatreas: 10/11 - Matrix reasoning

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	160.52	4.26	160.52	4.26
1	78.15	2.08	238.67	6.34
2	26.51	0.70	265.19	7.05
3	43.45	1.15	308.64	8.20
4	47.34	1.26	355.98	9.46
5	126.82	3.37	482.79	12.83
6	113.10	3.00	595.89	15.83
7	207.74	5.52	803.63	21.35
8	296.38	7.87	1100.01	29.22
9	543.93	14.45	1643.94	43.68
10	543.86	14.45	2187.80	58.12
11	558.93	14.85	2746.74	72.97
12	285.94	7.60	3032.67	80.57
13	291.08	7.73	3323.75	88.30
14	252.56	6.71	3576.31	95.01

fmatreas: 10/11 - Matrix reasoning

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
15	95.76	2.54	3672.07	97.56
16	49.38	1.31	3721.46	98.87
17	25.60	0.68	3747.05	99.55
18	16.95	0.45	3764.00	100.00

fmrraw: 10/11 - Matrix reasoning (raw score)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	160.52	4.26	160.52	4.26
0	14.11	0.37	174.63	4.64
1	11.94	0.32	186.58	4.96
2	6.87	0.18	193.44	5.14
3	14.08	0.37	207.52	5.51
4	11.43	0.30	218.95	5.82
5	11.44	0.30	230.38	6.12
6	5.39	0.14	235.77	6.26
7	13.66	0.36	249.44	6.63
8	13.00	0.35	262.44	6.97
9	19.84	0.53	282.28	7.50
10	20.84	0.55	303.12	8.05
11	35.35	0.94	338.47	8.99
12	30.66	0.81	369.13	9.81
13	63.05	1.67	432.18	11.48
14	65.98	1.75	498.15	13.23
15	58.75	1.56	556.90	14.80
16	94.20	2.50	651.10	17.30
17	91.43	2.43	742.53	19.73
18	130.03	3.45	872.57	23.18
19	193.85	5.15	1066.42	28.33
20	257.24	6.83	1323.66	35.17
21	323.57	8.60	1647.23	43.76
22	356.03	9.46	2003.26	53.22
23	388.06	10.31	2391.33	63.53
24	305.10	8.11	2696.43	71.64
25	225.61	5.99	2922.04	77.63
26	224.79	5.97	3146.82	83.60
27	182.75	4.86	3329.57	88.46
28	177.37	4.71	3506.94	93.17
29	118.40	3.15	3625.34	96.32
30	82.83	2.20	3708.17	98.52
31	31.75	0.84	3739.92	99.36
32	18.60	0.49	3758.51	99.85
33	5.49	0.15	3764.00	100.00

flc09a11: 10/11 - Teach 19.1 - Conveys ideas when speaking

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	8.02	0.21	8.02	0.21
-9	-9	702.17	18.65	710.19	18.87
Not applicable	-1	6.55	0.17	716.75	19.04
Not yet	1	33.81	0.90	750.56	19.94
Beginning	2	130.60	3.47	881.15	23.41
In progress	3	488.71	12.98	1369.86	36.39
Intermediate	4	1048.14	27.85	2418.00	64.24
Proficient	5	1346.00	35.76	3764.00	100.00

flc09a20: 10/11 - Teach 19.2 - Understands and interprets a story read aloud

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	8.26	0.22	8.26	0.22
-9	-9	702.17	18.65	710.44	18.87
Not applicable	-1	3.12	0.08	713.56	18.96
Not yet	1	29.08	0.77	742.63	19.73
Beginning	2	131.17	3.48	873.81	23.21
In progress	3	453.51	12.05	1327.32	35.26
Intermediate	4	1040.95	27.66	2368.27	62.92
Proficient	5	1395.73	37.08	3764.00	100.00

flc09a12: 10/11 - Teach 19.3 - Uses strategies to gain information

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	11.46	0.30	11.46	0.30
-9	-9	702.17	18.65	713.63	18.96
Not applicable	-1	8.74	0.23	722.37	19.19
Not yet	1	53.62	1.42	775.99	20.62
Beginning	2	195.25	5.19	971.24	25.80
In progress	3	574.13	15.25	1545.37	41.06
Intermediate	4	1076.54	28.60	2621.91	69.66
Proficient	5	1142.09	30.34	3764.00	100.00

flc09a13: 10/11 - Teach 19.4 - Reads fluently

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	7.98	0.21	7.98	0.21
-9	-9	702.17	18.65	710.15	18.87
Not applicable	-1	4.23	0.11	714.39	18.98
Not yet	1	46.20	1.23	760.59	20.21
Beginning	2	155.10	4.12	915.69	24.33
In progress	3	505.59	13.43	1421.28	37.76
Intermediate	4	902.94	23.99	2324.22	61.75
Proficient	5	1439.78	38.25	3764.00	100.00

flc09a21: 10/11 - Teach 19.5 - Reads and comprehends expository text

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	13.62	0.36	13.62	0.36
-9	-9	702.17	18.65	715.79	19.02
Not applicable	-1	19.44	0.52	735.23	19.53
Not yet	1	77.45	2.06	812.68	21.59
Beginning	2	268.92	7.14	1081.60	28.74
In progress	3	596.28	15.84	1677.89	44.58
Intermediate	4	1085.83	28.85	2763.72	73.43
Proficient	5	1000.28	26.57	3764.00	100.00

flc09a16: 10/11 - Teach 19.6 - Composes multi-paragraph texts

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	9.82	0.26	9.82	0.26
-9	-9	702.17	18.65	712.00	18.92
Not applicable	-1	7.75	0.21	719.75	19.12
Not yet	1	112.93	3.00	832.68	22.12
Beginning	2	235.34	6.25	1068.02	28.37
In progress	3	619.76	16.47	1687.77	44.84
Intermediate	4	1085.21	28.83	2772.98	73.67
Proficient	5	991.02	26.33	3764.00	100.00

flc09a17: 10/11 - Teach 19.7 - Redrafts writing

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	9.87	0.26	9.87	0.26
-9	-9	702.17	18.65	712.04	18.92
Not applicable	-1	3.12	0.08	715.17	19.00
Not yet	1	132.02	3.51	847.18	22.51
Beginning	2	335.62	8.92	1182.80	31.42
In progress	3	789.36	20.97	1972.16	52.40
Intermediate	4	1111.85	29.54	3084.02	81.93
Proficient	5	679.98	18.07	3764.00	100.00

flc09a18: 10/11 - Teach 19.8 - Makes editorial corrections

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	12.23	0.32	12.23	0.32
-9	-9	702.17	18.65	714.40	18.98
Not applicable	-1	7.02	0.19	721.42	19.17
Not yet	1	122.00	3.24	843.42	22.41
Beginning	2	336.46	8.94	1179.88	31.35
In progress	3	750.69	19.94	1930.57	51.29
Intermediate	4	1104.10	29.33	3034.66	80.62
Proficient	5	729.34	19.38	3764.00	100.00

flc09a19: 10/11 - Teach 19.9 - Uses computer for variety of purposes

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	20.00	0.53	20.00	0.53
-9	-9	702.17	18.65	722.17	19.19
Not applicable	-1	23.19	0.62	745.36	19.80
Not yet	1	23.10	0.61	768.46	20.42
Beginning	2	146.47	3.89	914.93	24.31
In progress	3	365.00	9.70	1279.93	34.00
Intermediate	4	1125.04	29.89	2404.97	63.89
Proficient	5	1359.03	36.11	3764.00	100.00

ftlitcr: 10/11 - T/C - ARS language and literacy (v3 - Rasch modelled)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	714.07	18.97	714.07	18.97
1	20.21	0.54	734.28	19.51
2	222.91	5.92	957.19	25.43
3	888.23	23.60	1845.42	49.03
4	1345.66	35.75	3191.08	84.78
5	572.92	15.22	3764.00	100.00

ftlitc: 10/11 - T/C - ARS language and literacy (v3)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	708.25	18.82	708.25	18.82
1	32.42	0.86	740.67	19.68
2	213.19	5.66	953.86	25.34
3	580.58	15.42	1534.44	40.77
4	1191.98	31.67	2726.43	72.43
5	1037.57	27.57	3764.00	100.00

flc09b18: 10/11 - Teach 21.1 - Subtracts numbers

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	64.66	1.72	64.66	1.72
-9	-9	702.17	18.65	766.84	20.37
Not applicable	-1	14.43	0.38	781.26	20.76
Not yet	1	95.34	2.53	876.60	23.29
Beginning	2	165.01	4.38	1041.61	27.67
In progress	3	498.34	13.24	1539.95	40.91
Intermediate	4	941.02	25.00	2480.97	65.91
Proficient	5	1283.03	34.09	3764.00	100.00

flc09b19: 10/11 - Teach 21.2 - Reduces fractions

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	49.27	1.31	49.27	1.31
-9	-9	702.17	18.65	751.44	19.96
Not applicable	-1	102.75	2.73	854.19	22.69
Not yet	1	308.62	8.20	1162.81	30.89
Beginning	2	381.64	10.14	1544.44	41.03
In progress	3	821.72	21.83	2366.16	62.86

flc09b19: 10/11 - Teach 21.2 - Reduces fractions

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Intermediate	4	897.80	23.85	3263.96	86.72
Proficient	5	500.04	13.28	3764.00	100.00

flc09b20: 10/11 - Teach 21.3 - Demonstrates money management skills

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	48.47	1.29	48.47	1.29
-9	-9	702.17	18.65	750.64	19.94
Not applicable	-1	133.51	3.55	884.15	23.49
Not yet	1	256.10	6.80	1140.25	30.29
Beginning	2	353.34	9.39	1493.59	39.68
In progress	3	727.46	19.33	2221.05	59.01
Intermediate	4	989.27	26.28	3210.32	85.29
Proficient	5	553.68	14.71	3764.00	100.00

flc09b11: 10/11 - Teach 21.4 - Recognises shape properties, area, volume

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	44.86	1.19	44.86	1.19
-9	-9	702.17	18.65	747.03	19.85
Not applicable	-1	17.82	0.47	764.85	20.32
Not yet	1	71.05	1.89	835.90	22.21
Beginning	2	256.51	6.81	1092.41	29.02
In progress	3	585.34	15.55	1677.75	44.57
Intermediate	4	1183.98	31.46	2861.73	76.03
Proficient	5	902.27	23.97	3764.00	100.00

flc09b12: 10/11 - Teach 21.5 - Uses measurement tools accurately

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	51.44	1.37	51.44	1.37
-9	-9	702.17	18.65	753.61	20.02
Not applicable	-1	26.47	0.70	780.09	20.72
Not yet	1	70.91	1.88	850.99	22.61
Beginning	2	233.51	6.20	1084.50	28.81
In progress	3	589.53	15.66	1674.03	44.47
Intermediate	4	1186.59	31.52	2860.62	76.00
Proficient	5	903.38	24.00	3764.00	100.00

flc09b13: 10/11 - Teach 21.6 - Understands place value with whole numbers

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	46.12	1.23	46.12	1.23
-9	-9	702.17	18.65	748.29	19.88
Not applicable	-1	21.59	0.57	769.88	20.45
Not yet	1	111.07	2.95	880.95	23.40
Beginning	2	250.29	6.65	1131.24	30.05
In progress	3	633.92	16.84	1765.16	46.90
Intermediate	4	998.81	26.54	2763.97	73.43
Proficient	5	1000.03	26.57	3764.00	100.00

flc09b14: 10/11 - Teach 21.7 - Estimates reasonably and checks

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	49.89	1.33	49.89	1.33
-9	-9	702.17	18.65	752.06	19.98
Not applicable	-1	50.94	1.35	803.00	21.33
Not yet	1	249.38	6.63	1052.39	27.96
Beginning	2	357.61	9.50	1409.99	37.46
In progress	3	785.40	20.87	2195.39	58.33
Intermediate	4	991.24	26.33	3186.63	84.66
Proficient	5	577.37	15.34	3764.00	100.00

flc09b22: 10/11 - Teach 21.8 - Uses strategies to multiple/divide

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	51.59	1.37	51.59	1.37
-9	-9	702.17	18.65	753.76	20.03
Not applicable	-1	27.62	0.73	781.37	20.76
Not yet	1	206.59	5.49	987.96	26.25
Beginning	2	372.62	9.90	1360.58	36.15
In progress	3	732.72	19.47	2093.31	55.61
Intermediate	4	983.80	26.14	3077.11	81.75
Proficient	5	686.89	18.25	3764.00	100.00

flc09b23: 10/11 - Teach 21.9 - Divides multi-digit problems

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	48.85	1.30	48.85	1.30
-9	-9	702.17	18.65	751.02	19.95
Not applicable	-1	47.77	1.27	798.79	21.22
Not yet	1	246.92	6.56	1045.70	27.78
Beginning	2	377.48	10.03	1423.18	37.81
In progress	3	739.83	19.66	2163.01	57.47
Intermediate	4	907.03	24.10	3070.04	81.56
Proficient	5	693.96	18.44	3764.00	100.00

flc09b24: 10/11 - Teach 21.10 - Demonstrates algebraic thinking

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	52.92	1.41	52.92	1.41
-9	-9	702.17	18.65	755.09	20.06
Not applicable	-1	156.05	4.15	911.14	24.21
Not yet	1	431.42	11.46	1342.57	35.67
Beginning	2	420.09	11.16	1762.66	46.83
In progress	3	786.36	20.89	2549.01	67.72
Intermediate	4	840.01	22.32	3389.02	90.04
Proficient	5	374.98	9.96	3764.00	100.00

ftmathcr: 10/11 - T/C - ARS math thinking (V2 - Rasch modelled)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	792.85	21.06	792.85	21.06
1	55.98	1.49	848.83	22.55
2	402.46	10.69	1251.29	33.24
3	1136.49	30.19	2387.77	63.44
4	1073.90	28.53	3461.68	91.97
5	302.32	8.03	3764.00	100.00

ftmathc: 10/11 - T/C - ARS math thinking (V2)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	745.19	19.80	745.19	19.80
1	111.40	2.96	856.59	22.76
2	359.77	9.56	1216.36	32.32
3	713.67	18.96	1930.03	51.28
4	1136.82	30.20	3066.85	81.48
5	697.15	18.52	3764.00	100.00

flic08t1b: 10/11 - T/C - Teach 22.1- Reading progress

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	25.79	0.69	25.79	0.69
-9	-9	702.17	18.65	727.96	19.34
Far below average	1	141.92	3.77	869.88	23.11
Below average	2	506.53	13.46	1376.41	36.57
Average	3	1304.38	34.65	2680.79	71.22
Above average	4	941.14	25.00	3621.93	96.23
Far above average	5	142.07	3.77	3764.00	100.00

flic08t2b: 10/11 - T/C - Teach 22.2 - Maths progress

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	56.58	1.50	56.58	1.50
-9	-9	702.17	18.65	758.75	20.16
Far below average	1	135.69	3.60	894.43	23.76
Below average	2	528.56	14.04	1422.99	37.81
Average	3	1346.77	35.78	2769.77	73.59
Above average	4	836.40	22.22	3606.17	95.81
Far above average	5	157.83	4.19	3764.00	100.00

flic08t3b: 10/11 - T/C - Teach 22.3 - Overall school achievement

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	36.79	0.98	36.79	0.98
-9	-9	702.17	18.65	738.96	19.63
Far below average	1	110.41	2.93	849.37	22.57
Below average	2	450.99	11.98	1300.36	34.55
Average	3	1463.81	38.89	2764.17	73.44
Above average	4	895.11	23.78	3659.28	97.22
Far above average	5	104.72	2.78	3764.00	100.00

flc10a1: 10/11 - Teach 25.1 - Keeps belongings organised

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	11.69	0.31	11.69	0.31
-9	-9	702.17	18.65	713.86	18.97
No opportunity	-1	5.92	0.16	719.78	19.12
Never	1	122.76	3.26	842.55	22.38
Sometimes	2	576.02	15.30	1418.57	37.69
Often	3	650.77	17.29	2069.34	54.98
Very often	4	1694.66	45.02	3764.00	100.00

flc10a2: 10/11 - Teach 25.2 - Shows eagerness to learn new things

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	7.58	0.20	7.58	0.20
-9	-9	702.17	18.65	709.75	18.86
No opportunity	-1	8.39	0.22	718.14	19.08
Never	1	44.77	1.19	762.91	20.27
Sometimes	2	527.33	14.01	1290.24	34.28
Often	3	769.32	20.44	2059.57	54.72
Very often	4	1704.43	45.28	3764.00	100.00

flc10a3: 10/11 - Teach 25.3 - Works independently

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	5.84	0.16	5.84	0.16
-9	-9	702.17	18.65	708.01	18.81
No opportunity	-1	11.51	0.31	719.52	19.12
Never	1	52.59	1.40	772.11	20.51
Sometimes	2	485.62	12.90	1257.74	33.41
Often	3	805.81	21.41	2063.55	54.82
Very often	4	1700.45	45.18	3764.00	100.00

flc10a4: 10/11 - Teach 25.4 - Easily adapts to changes in routine

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	5.84	0.16	5.84	0.16
-9	-9	702.17	18.65	708.01	18.81
No opportunity	-1	13.52	0.36	721.53	19.17
Never	1	31.62	0.84	753.15	20.01
Sometimes	2	383.03	10.18	1136.18	30.19
Often	3	803.31	21.34	1939.50	51.53
Very often	4	1824.50	48.47	3764.00	100.00

flc10a5: 10/11 - Teach 25.5 - Persists in completing tasks

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	7.55	0.20	7.55	0.20
-9	-9	702.17	18.65	709.72	18.86
No opportunity	-1	9.85	0.26	719.58	19.12
Never	1	93.47	2.48	813.05	21.60
Sometimes	2	587.30	15.60	1400.35	37.20

flc10a5: 10/11 - Teach 25.5 - Persists in completing tasks

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Often	3	782.02	20.78	2182.37	57.98
Very often	4	1581.63	42.02	3764.00	100.00

flc10a6: 10/11 - Teach 25.6 - Pays attention well

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	7.83	0.21	7.83	0.21
-9	-9	702.17	18.65	710.00	18.86
No opportunity	-1	9.48	0.25	719.47	19.11
Never	1	60.33	1.60	779.81	20.72
Sometimes	2	680.35	18.08	1460.16	38.79
Often	3	835.10	22.19	2295.26	60.98
Very often	4	1468.74	39.02	3764.00	100.00

ftappr: 10/11 - T/C - Child's approach to learning

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	711.03	18.89	711.03	18.89
1	13.26	0.35	724.29	19.24
2	424.68	11.28	1148.96	30.53
3	886.15	23.54	2035.11	54.07
4	1728.89	45.93	3764.00	100.00