

10 Learning and cognition outcomes

flc08a1a: 10/11 - P1 - F2F C20.1- Reading progress

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-9	-9	24.60	0.59	24.60	0.59
-2	-2	64.86	1.56	89.47	2.15
Much better	1	1461.09	35.05	1550.56	37.19
A little better	2	1066.95	25.59	2617.51	62.79
About the same	3	1149.33	27.57	3766.84	90.35
A little worse	4	325.56	7.81	4092.40	98.16
Much worse	5	76.60	1.84	4169.00	100.00

flc08a2a: 10/11 - P1 - F2F C20.2- Maths progress

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-9	-9	24.60	0.59	24.60	0.59
-2	-2	58.15	1.39	82.76	1.99
Much better	1	1133.07	27.18	1215.82	29.16
A little better	2	1052.78	25.25	2268.61	54.42
About the same	3	1456.90	34.95	3725.51	89.36
A little worse	4	361.33	8.67	4086.83	98.03
Much worse	5	82.17	1.97	4169.00	100.00

flc08a3a: 10/11 - P1 - F2F C20.3- Overall school achievement

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-9	-9	24.60	0.59	24.60	0.59
-2	-2	23.43	0.56	48.03	1.15
Excellent	1	817.80	19.62	865.83	20.77
Above average	2	1358.11	32.58	2223.95	53.34
Average	3	1647.19	39.51	3871.14	92.86
Below average	4	251.73	6.04	4122.87	98.89
Well below average	5	46.13	1.11	4169.00	100.00

fmatreas: 10/11 - Matrix reasoning imputed

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	55.60	1.33	55.60	1.33
-9	9.46	0.23	65.06	1.56
0	136.34	3.27	201.40	4.83
10	3647.06	87.48	3848.47	92.31
20	320.53	7.69	4169.00	100.00

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

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	55.60	1.33	55.60	1.33
-9	9.46	0.23	65.06	1.56
6	17.45	0.42	82.51	1.98
7	11.06	0.27	93.57	2.24
8	8.50	0.20	102.07	2.45
9	12.20	0.29	114.27	2.74

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

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
10	17.58	0.42	131.85	3.16
11	40.38	0.97	172.23	4.13
12	41.97	1.01	214.21	5.14
13	67.90	1.63	282.10	6.77
14	71.11	1.71	353.21	8.47
15	75.98	1.82	429.19	10.29
16	86.49	2.07	515.68	12.37
17	81.87	1.96	597.55	14.33
18	154.02	3.69	751.58	18.03
19	177.38	4.25	928.96	22.28
20	284.10	6.81	1213.06	29.10
21	358.81	8.61	1571.87	37.70
22	448.85	10.77	2020.72	48.47
23	420.09	10.08	2440.81	58.55
24	334.43	8.02	2775.24	66.57
25	286.75	6.88	3061.99	73.45
26	274.98	6.60	3336.97	80.04
27	240.18	5.76	3577.16	85.80
28	214.34	5.14	3791.50	90.95
29	166.77	4.00	3958.27	94.95
30	105.56	2.53	4063.83	97.48
31	51.79	1.24	4115.62	98.72
32	35.35	0.85	4150.96	99.57
33	14.63	0.35	4165.59	99.92
34	1.96	0.05	4167.56	99.97
35	1.44	0.03	4169.00	100.00

fmrrawi: 10/11 - Matrix reasoning (raw score) imputed

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	65.06	1.56	65.06	1.56
Not imputed	0	3893.99	93.40	3959.05	94.96
Imputed	1	209.95	5.04	4169.00	100.00

f1c09a11: 10/11 - Teach 19.1 - Conveys ideas when speaking

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	8.23	0.20	8.23	0.20
-9	-9	885.62	21.24	893.85	21.44
Not applicable	-1	13.81	0.33	907.66	21.77
Not yet	1	31.99	0.77	939.65	22.54
Beginning	2	188.56	4.52	1128.21	27.06
In progress	3	548.83	13.16	1677.04	40.23
Intermediate	4	1159.91	27.82	2836.95	68.05
Proficient	5	1332.05	31.95	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	7.18	0.17	7.18	0.17
-9	-9	885.62	21.24	892.79	21.42
Not applicable	-1	8.15	0.20	900.94	21.61
Not yet	1	27.05	0.65	927.99	22.26
Beginning	2	175.01	4.20	1103.00	26.46
In progress	3	565.20	13.56	1668.21	40.01
Intermediate	4	1162.13	27.88	2830.34	67.89
Proficient	5	1338.66	32.11	4169.00	100.00

flc09a12: 10/11 - Teach 19.3 - Strategies to gain information

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	14.92	0.36	14.92	0.36
-9	-9	885.62	21.24	900.53	21.60
Not applicable	-1	8.87	0.21	909.41	21.81
Not yet	1	64.57	1.55	973.98	23.36
Beginning	2	221.28	5.31	1195.26	28.67
In progress	3	646.07	15.50	1841.34	44.17
Intermediate	4	1220.66	29.28	3062.00	73.45
Proficient	5	1107.00	26.55	4169.00	100.00

flc09a13: 10/11 - Teach 19.4 - Reads fluently

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	9.73	0.23	9.73	0.23
-9	-9	885.62	21.24	895.35	21.48
Not applicable	-1	7.93	0.19	903.29	21.67
Not yet	1	61.58	1.48	964.87	23.14
Beginning	2	195.17	4.68	1160.04	27.83
In progress	3	569.88	13.67	1729.92	41.49
Intermediate	4	1031.24	24.74	2761.16	66.23
Proficient	5	1407.84	33.77	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	15.70	0.38	15.70	0.38
-9	-9	885.62	21.24	901.32	21.62
Not applicable	-1	24.47	0.59	925.79	22.21
Not yet	1	95.69	2.30	1021.48	24.50
Beginning	2	316.14	7.58	1337.62	32.08
In progress	3	717.17	17.20	2054.79	49.29
Intermediate	4	1173.27	28.14	3228.06	77.43
Proficient	5	940.94	22.57	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	11.77	0.28	11.77	0.28
-9	-9	885.62	21.24	897.39	21.53
Not applicable	-1	9.15	0.22	906.54	21.74
Not yet	1	112.09	2.69	1018.63	24.43
Beginning	2	285.48	6.85	1304.11	31.28
In progress	3	702.46	16.85	2006.57	48.13
Intermediate	4	1189.89	28.54	3196.46	76.67
Proficient	5	972.54	23.33	4169.00	100.00

flc09a17: 10/11 - Teach 19.7 - Redrafts writing

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	13.98	0.34	13.98	0.34
-9	-9	885.62	21.24	899.59	21.58
Not applicable	-1	12.59	0.30	912.18	21.88
Not yet	1	156.12	3.74	1068.31	25.62
Beginning	2	366.95	8.80	1435.26	34.43
In progress	3	910.50	21.84	2345.76	56.27
Intermediate	4	1181.84	28.35	3527.60	84.62
Proficient	5	641.40	15.38	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	13.20	0.32	13.20	0.32
-9	-9	885.62	21.24	898.82	21.56
Not applicable	-1	7.69	0.18	906.51	21.74
Not yet	1	113.90	2.73	1020.41	24.48
Beginning	2	382.83	9.18	1403.24	33.66
In progress	3	836.65	20.07	2239.89	53.73
Intermediate	4	1186.19	28.45	3426.07	82.18
Proficient	5	742.93	17.82	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	13.53	0.32	13.53	0.32
-9	-9	885.62	21.24	899.15	21.57
Not applicable	-1	37.14	0.89	936.29	22.46
Not yet	1	28.85	0.69	965.14	23.15
Beginning	2	182.42	4.38	1147.56	27.53
In progress	3	450.35	10.80	1597.91	38.33
Intermediate	4	1305.10	31.30	2903.01	69.63
Proficient	5	1265.99	30.37	4169.00	100.00

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

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	902.92	21.66	902.92	21.66
1	21.07	0.51	923.98	22.16
2	232.68	5.58	1156.66	27.74
3	944.81	22.66	2101.47	50.41
4	1392.66	33.41	3494.13	83.81
5	674.87	16.19	4169.00	100.00

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

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	8.70	0.21	8.70	0.21
-9	885.62	21.24	894.32	21.45
1	42.22	1.01	936.54	22.46
2	257.62	6.18	1194.16	28.64
3	655.76	15.73	1849.92	44.37
4	1306.04	31.33	3155.96	75.70
5	1013.04	24.30	4169.00	100.00

flc09b18: 10/11 - Teach 21.1 - Subtracts numbers

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	62.51	1.50	62.51	1.50
-9	-9	885.62	21.24	948.13	22.74
Not applicable	-1	23.26	0.56	971.39	23.30
Not yet	1	92.32	2.21	1063.72	25.51
Beginning	2	208.60	5.00	1272.32	30.52
In progress	3	560.52	13.44	1832.84	43.96
Intermediate	4	992.79	23.81	2825.63	67.78
Proficient	5	1343.37	32.22	4169.00	100.00

flc09b19: 10/11 - Teach 21.2 - Reduces fractions

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	48.18	1.16	48.18	1.16
-9	-9	885.62	21.24	933.80	22.40
Not applicable	-1	150.50	3.61	1084.30	26.01
Not yet	1	384.95	9.23	1469.25	35.24
Beginning	2	446.99	10.72	1916.24	45.96
In progress	3	881.55	21.15	2797.79	67.11
Intermediate	4	900.69	21.60	3698.48	88.71
Proficient	5	470.52	11.29	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	50.08	1.20	50.08	1.20
-9	-9	885.62	21.24	935.70	22.44
Not applicable	-1	161.36	3.87	1097.07	26.31
Not yet	1	319.51	7.66	1416.58	33.98
Beginning	2	414.28	9.94	1830.86	43.92

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
In progress	3	808.41	19.39	2639.26	63.31
Intermediate	4	966.08	23.17	3605.34	86.48
Proficient	5	563.66	13.52	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	48.62	1.17	48.62	1.17
-9	-9	885.62	21.24	934.24	22.41
Not applicable	-1	35.30	0.85	969.53	23.26
Not yet	1	81.44	1.95	1050.97	25.21
Beginning	2	288.49	6.92	1339.46	32.13
In progress	3	731.96	17.56	2071.42	49.69
Intermediate	4	1171.43	28.10	3242.85	77.78
Proficient	5	926.15	22.22	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	43.42	1.04	43.42	1.04
-9	-9	885.62	21.24	929.04	22.28
Not applicable	-1	49.47	1.19	978.51	23.47
Not yet	1	79.83	1.91	1058.33	25.39
Beginning	2	278.39	6.68	1336.72	32.06
In progress	3	722.25	17.32	2058.97	49.39
Intermediate	4	1216.99	29.19	3275.97	78.58
Proficient	5	893.03	21.42	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	47.75	1.15	47.75	1.15
-9	-9	885.62	21.24	933.36	22.39
Not applicable	-1	39.91	0.96	973.28	23.35
Not yet	1	137.48	3.30	1110.75	26.64
Beginning	2	312.07	7.49	1422.83	34.13
In progress	3	697.99	16.74	2120.82	50.87
Intermediate	4	1015.16	24.35	3135.98	75.22
Proficient	5	1033.02	24.78	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	52.74	1.27	52.74	1.27
-9	-9	885.62	21.24	938.36	22.51
Not applicable	-1	101.77	2.44	1040.13	24.95
Not yet	1	310.27	7.44	1350.40	32.39
Beginning	2	430.26	10.32	1780.66	42.71
In progress	3	828.94	19.88	2609.60	62.60

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Intermediate	4	982.01	23.55	3591.61	86.15
Proficient	5	577.39	13.85	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	50.78	1.22	50.78	1.22
-9	-9	885.62	21.24	936.40	22.46
Not applicable	-1	52.33	1.26	988.73	23.72
Not yet	1	246.13	5.90	1234.86	29.62
Beginning	2	429.88	10.31	1664.74	39.93
In progress	3	823.23	19.75	2487.96	59.68
Intermediate	4	977.88	23.46	3465.85	83.13
Proficient	5	703.15	16.87	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	65.04	1.56	65.04	1.56
-9	-9	885.62	21.24	950.66	22.80
Not applicable	-1	73.99	1.77	1024.65	24.58
Not yet	1	289.58	6.95	1314.23	31.52
Beginning	2	434.95	10.43	1749.18	41.96
In progress	3	775.33	18.60	2524.51	60.55
Intermediate	4	929.38	22.29	3453.89	82.85
Proficient	5	715.11	17.15	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	50.77	1.22	50.77	1.22
-9	-9	885.62	21.24	936.39	22.46
Not applicable	-1	52.07	1.25	988.46	23.71
Not yet	1	278.36	6.68	1266.83	30.39
Beginning	2	499.17	11.97	1765.99	42.36
In progress	3	834.04	20.01	2600.03	62.37
Intermediate	4	982.77	23.57	3582.80	85.94
Proficient	5	586.20	14.06	4169.00	100.00

ftmathcr: 10/11 - T/C - ARS math thinking (V3 - Rasch modelled)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	993.21	23.82	993.21	23.82
1	49.31	1.18	1042.52	25.01
2	368.99	8.85	1411.51	33.86
3	1217.99	29.22	2629.50	63.07
4	1143.98	27.44	3773.48	90.51
5	395.52	9.49	4169.00	100.00

ftmathc: 10/11 - T/C - ARS math thinking (V3)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	55.13	1.32	55.13	1.32
-9	885.62	21.24	940.75	22.57
1	130.10	3.12	1070.85	25.69
2	405.75	9.73	1476.60	35.42
3	810.51	19.44	2287.11	54.86
4	1148.55	27.55	3435.66	82.41
5	733.34	17.59	4169.00	100.00

flc08t1b: 10/11 - T/C - Teach 22.1 - Reading progress

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	30.93	0.74	30.93	0.74
-9	-9	885.62	21.24	916.55	21.98
Far below average	1	150.93	3.62	1067.48	25.61
Below average	2	552.04	13.24	1619.52	38.85
Average	3	1408.00	33.77	3027.52	72.62
Above average	4	971.76	23.31	3999.28	95.93
Far above average	5	169.72	4.07	4169.00	100.00

flc08t2b: 10/11 - T/C - Teach 22.2 - Maths progress

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	62.95	1.51	62.95	1.51
-9	-9	885.62	21.24	948.56	22.75
Far below average	1	133.64	3.21	1082.21	25.96
Below average	2	577.49	13.85	1659.69	39.81
Average	3	1455.74	34.92	3115.44	74.73
Above average	4	893.17	21.42	4008.60	96.15
Far above average	5	160.40	3.85	4169.00	100.00

flc08t3b: 10/11 - T/C - Teach 22.3 - Overall school achievement

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	46.39	1.11	46.39	1.11
-9	-9	885.62	21.24	932.01	22.36
Far below average	1	120.12	2.88	1052.13	25.24
Below average	2	463.78	11.12	1515.91	36.36
Average	3	1563.54	37.50	3079.44	73.87
Above average	4	974.51	23.38	4053.95	97.24
Far above average	5	115.05	2.76	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	6.01	0.14	6.01	0.14
-9	-9	885.62	21.24	891.63	21.39
No opportunity	-1	6.65	0.16	898.28	21.55
Never	1	138.61	3.32	1036.89	24.87
Sometimes	2	693.46	16.63	1730.35	41.51

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Often	3	781.55	18.75	2511.90	60.25
Very often	4	1657.10	39.75	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	4.31	0.10	4.31	0.10
-9	-9	885.62	21.24	889.93	21.35
No opportunity	-1	6.72	0.16	896.65	21.51
Never	1	43.43	1.04	940.08	22.55
Sometimes	2	632.76	15.18	1572.85	37.73
Often	3	913.06	21.90	2485.90	59.63
Very often	4	1683.10	40.37	4169.00	100.00

flc10a3: 10/11 - Teach 25.3 - Works independently

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	3.11	0.07	3.11	0.07
-9	-9	885.62	21.24	888.73	21.32
No opportunity	-1	9.35	0.22	898.08	21.54
Never	1	47.96	1.15	946.04	22.69
Sometimes	2	581.88	13.96	1527.92	36.65
Often	3	891.95	21.39	2419.88	58.04
Very often	4	1749.12	41.96	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	9.31	0.22	9.31	0.22
-9	-9	885.62	21.24	894.92	21.47
No opportunity	-1	17.31	0.42	912.23	21.88
Never	1	33.96	0.81	946.19	22.70
Sometimes	2	455.99	10.94	1402.18	33.63
Often	3	926.04	22.21	2328.22	55.85
Very often	4	1840.78	44.15	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	4.06	0.10	4.06	0.10
-9	-9	885.62	21.24	889.67	21.34
No opportunity	-1	6.13	0.15	895.80	21.49
Never	1	87.89	2.11	983.70	23.60
Sometimes	2	689.53	16.54	1673.23	40.14
Often	3	881.71	21.15	2554.94	61.28
Very often	4	1614.06	38.72	4169.00	100.00

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

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	4.06	0.10	4.06	0.10
-9	-9	885.62	21.24	889.67	21.34
No opportunity	-1	6.93	0.17	896.60	21.51
Never	1	53.46	1.28	950.06	22.79
Sometimes	2	779.68	18.70	1729.74	41.49
Often	3	934.42	22.41	2664.15	63.90
Very often	4	1504.85	36.10	4169.00	100.00

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

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	3.11	0.07	3.11	0.07
-9	885.62	21.24	888.73	21.32
1	15.56	0.37	904.30	21.69
2	547.39	13.13	1451.69	34.82
3	990.39	23.76	2442.07	58.58
4	1726.93	41.42	4169.00	100.00