

10 Learning and cognition outcomes

elc08a1a: 8/9 - P1 - F2F C7.1 - Reading progress

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-9	-9	26.80	0.66	26.80	0.66
-2	-2	40.76	1.00	67.56	1.65
Much better	1	1469.00	35.96	1536.56	37.61
A little better	2	979.71	23.98	2516.27	61.60
About the same	3	1084.95	26.56	3601.22	88.16
A little worse	4	386.87	9.47	3988.09	97.63
Much worse	5	96.91	2.37	4085.00	100.00

elc08a2a: 8/9 - P1 - F2F C7.2 - Maths progress

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-9	-9	26.80	0.66	26.80	0.66
-2	-2	44.84	1.10	71.63	1.75
Much better	1	1104.72	27.04	1176.35	28.80
A little better	2	1078.34	26.40	2254.69	55.19
About the same	3	1378.70	33.75	3633.39	88.94
A little worse	4	384.72	9.42	4018.12	98.36
Much worse	5	66.88	1.64	4085.00	100.00

elc08a3a: 8/9 - P1 - F2F C7.3 - Overall school achievement

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-9	-9	26.80	0.66	26.80	0.66
-2	-2	13.01	0.32	39.81	0.97
Excellent	1	819.09	20.05	858.90	21.03
Above average	2	1338.11	32.76	2197.01	53.78
Average	3	1583.06	38.75	3780.07	92.54
Below average	4	263.96	6.46	4044.03	99.00
Well below average	5	40.97	1.00	4085.00	100.00

eppv: 8/9 - PPVT score

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	78.82	1.93	78.82	1.93
48	3.09	0.08	81.91	2.01
56	10.70	0.26	92.61	2.27
64	10.79	0.26	103.40	2.53
72	1507.63	36.91	1611.02	39.44
80	2001.62	49.00	3612.65	88.44
88	449.23	11.00	4061.88	99.43
96	20.76	0.51	4082.63	99.94
104	2.37	0.06	4085.00	100.00

eppvt2: 8/9 - PPVT score (integers)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	78.82	1.93	78.82	1.93
56	9.36	0.23	88.17	2.16
64	15.22	0.37	103.40	2.53
72	1128.16	27.62	1231.55	30.15
80	2105.17	51.53	3336.73	81.68
88	725.15	17.75	4061.88	99.43
96	20.76	0.51	4082.63	99.94
104	2.37	0.06	4085.00	100.00

ematreas: 8/9 - Matrix reasoning

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	93.50	2.29	93.50	2.29
1	7.79	0.19	101.29	2.48
2	7.18	0.18	108.47	2.66
3	32.13	0.79	140.60	3.44
4	61.81	1.51	202.41	4.95
5	152.41	3.73	354.82	8.69
6	229.76	5.62	584.58	14.31
7	306.68	7.51	891.26	21.82
8	288.84	7.07	1180.10	28.89
9	291.35	7.13	1471.45	36.02
10	418.93	10.26	1890.38	46.28
11	772.24	18.90	2662.62	65.18
12	485.87	11.89	3148.49	77.07
13	421.37	10.31	3569.85	87.39
14	234.19	5.73	3804.05	93.12
15	126.49	3.10	3930.54	96.22
16	82.22	2.01	4012.76	98.23
17	54.69	1.34	4067.45	99.57
18	16.04	0.39	4083.49	99.96
19	1.51	0.04	4085.00	100.00

emrraw: 8/9 - Matrix reasoning (raw score)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	93.50	2.29	93.50	2.29
0	0.61	0.01	94.11	2.30
1	1.12	0.03	95.23	2.33
2	2.25	0.06	97.48	2.39
3	3.07	0.08	100.55	2.46
4	0.73	0.02	101.29	2.48
5	2.34	0.06	103.63	2.54
6	12.04	0.29	115.67	2.83
7	17.21	0.42	132.88	3.25
8	30.38	0.74	163.26	4.00
9	40.32	0.99	203.58	4.98
10	78.90	1.93	282.48	6.92
11	82.27	2.01	364.76	8.93

emrraw: 8/9 - Matrix reasoning (raw score)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
12	139.46	3.41	504.22	12.34
13	175.49	4.30	679.71	16.64
14	158.79	3.89	838.50	20.53
15	172.91	4.23	1011.41	24.76
16	173.93	4.26	1185.34	29.02
17	181.68	4.45	1367.02	33.46
18	213.60	5.23	1580.63	38.69
19	277.33	6.79	1857.95	45.48
20	354.74	8.68	2212.69	54.17
21	389.56	9.54	2602.25	63.70
22	389.52	9.54	2991.77	73.24
23	341.56	8.36	3333.34	81.60
24	246.71	6.04	3580.05	87.64
25	175.86	4.30	3755.90	91.94
26	137.19	3.36	3893.09	95.30
27	71.20	1.74	3964.29	97.05
28	45.64	1.12	4009.94	98.16
29	44.84	1.10	4054.77	99.26
30	24.14	0.59	4078.92	99.85
31	3.74	0.09	4082.65	99.94
32	2.35	0.06	4085.00	100.00

elc09a11: 8/9 -Teach 19.1 - Conveys ideas when speaking

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	37.36	0.91	37.36	0.91
-9	-9	635.74	15.56	673.10	16.48
Not applicable	-1	6.00	0.15	679.09	16.62
Not yet	1	61.29	1.50	740.38	18.12
Beginning	2	233.26	5.71	973.64	23.83
In progress	3	674.53	16.51	1648.17	40.35
Intermediate	4	1166.55	28.56	2814.73	68.90
Proficient	5	1270.27	31.10	4085.00	100.00

elc09a12: 8/9 -Teach 19.2 - Uses strategies to gain info from print

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	35.53	0.87	35.53	0.87
-9	-9	635.74	15.56	671.27	16.43
Not applicable	-1	18.04	0.44	689.30	16.87
Not yet	1	92.82	2.27	782.12	19.15
Beginning	2	334.00	8.18	1116.12	27.32
In progress	3	725.20	17.75	1841.32	45.08
Intermediate	4	1090.72	26.70	2932.04	71.78
Proficient	5	1152.96	28.22	4085.00	100.00

elc09a13: 8/9 -Teach 19.3 - Reads fluently

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	42.30	1.04	42.30	1.04
-9	-9	635.74	15.56	678.04	16.60
Not applicable	-1	4.58	0.11	682.62	16.71
Not yet	1	117.23	2.87	799.84	19.58
Beginning	2	279.00	6.83	1078.84	26.41
In progress	3	653.08	15.99	1731.92	42.40
Intermediate	4	926.55	22.68	2658.47	65.08
Proficient	5	1426.53	34.92	4085.00	100.00

elc09a14: 8/9 -Teach 19.4 - Reads grade level books

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	34.80	0.85	34.80	0.85
-9	-9	635.74	15.56	670.54	16.41
Not applicable	-1	6.65	0.16	677.19	16.58
Not yet	1	157.26	3.85	834.45	20.43
Beginning	2	281.11	6.88	1115.56	27.31
In progress	3	576.82	14.12	1692.37	41.43
Intermediate	4	896.49	21.95	2588.87	63.37
Proficient	5	1496.13	36.63	4085.00	100.00

elc09a15: 8/9 -Teach 19.5 - Comprehends informational text

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	33.77	0.83	33.77	0.83
-9	-9	635.74	15.56	669.50	16.39
Not applicable	-1	12.14	0.30	681.64	16.69
Not yet	1	156.93	3.84	838.57	20.53
Beginning	2	364.74	8.93	1203.31	29.46
In progress	3	674.06	16.50	1877.37	45.96
Intermediate	4	1107.33	27.11	2984.70	73.06
Proficient	5	1100.30	26.94	4085.00	100.00

elc09a16: 8/9 -Teach 19.6 - Composes multi-paragraph texts

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	40.84	1.00	40.84	1.00
-9	-9	635.74	15.56	676.58	16.56
Not applicable	-1	8.74	0.21	685.32	16.78
Not yet	1	214.60	5.25	899.91	22.03
Beginning	2	464.62	11.37	1364.54	33.40
In progress	3	795.69	19.48	2160.23	52.88
Intermediate	4	1170.13	28.64	3330.35	81.53
Proficient	5	754.65	18.47	4085.00	100.00

elc09a17: 8/9 -Teach 19.7 - Redrafts and reflects on writing

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	36.19	0.89	36.19	0.89
-9	-9	635.74	15.56	671.93	16.45
Not applicable	-1	6.08	0.15	678.00	16.60
Not yet	1	299.86	7.34	977.87	23.94
Beginning	2	552.73	13.53	1530.60	37.47
In progress	3	994.22	24.34	2524.82	61.81
Intermediate	4	1044.89	25.58	3569.70	87.39
Proficient	5	515.30	12.61	4085.00	100.00

elc09a18: 8/9 -Teach 19.8 - Makes editorial corrections

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	41.01	1.00	41.01	1.00
-9	-9	635.74	15.56	676.75	16.57
Not applicable	-1	9.77	0.24	686.52	16.81
Not yet	1	298.19	7.30	984.71	24.11
Beginning	2	637.33	15.60	1622.04	39.71
In progress	3	998.88	24.45	2620.92	64.16
Intermediate	4	1036.06	25.36	3656.98	89.52
Proficient	5	428.02	10.48	4085.00	100.00

elc09a19: 8/9 -Teach 19.9 - Uses computer for variety of purposes

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	43.38	1.06	43.38	1.06
-9	-9	635.74	15.56	679.12	16.62
Not applicable	-1	35.88	0.88	715.00	17.50
Not yet	1	55.95	1.37	770.95	18.87
Beginning	2	354.73	8.68	1125.68	27.56
In progress	3	714.98	17.50	1840.66	45.06
Intermediate	4	1266.89	31.01	3107.55	76.07
Proficient	5	977.45	23.93	4085.00	100.00

etlitcr: 8/9 - T/C - ARS language and literacy (v3 - Rasch modelled)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	674.37	16.51	674.37	16.51
1	44.07	1.08	718.43	17.59
2	373.49	9.14	1091.93	26.73
3	1080.86	26.46	2172.79	53.19
4	1522.99	37.28	3695.78	90.47
5	389.22	9.53	4085.00	100.00

etlitc: 8/9 - T/C - ARS language and literacy (v3)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	668.84	16.37	668.84	16.37
1	97.80	2.39	766.64	18.77
2	385.27	9.43	1151.91	28.20
3	777.45	19.03	1929.36	47.23

etlitc: 8/9 - T/C - ARS language and literacy (v3)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
4	1272.41	31.15	3201.77	78.38
5	883.23	21.62	4085.00	100.00

elc09b9: 8/9 - Teach 21.1 - Creates and extends patterns

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	40.98	1.00	40.98	1.00
-9	-9	635.74	15.56	676.72	16.57
Not applicable	-1	13.46	0.33	690.17	16.90
Not yet	1	63.05	1.54	753.23	18.44
Beginning	2	288.46	7.06	1041.69	25.50
In progress	3	612.83	15.00	1654.51	40.50
Intermediate	4	1188.28	29.09	2842.80	69.59
Proficient	5	1242.20	30.41	4085.00	100.00

elc09b10: 8/9 - Teach 21.2 - Uses a variety of strategies for maths

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	42.04	1.03	42.04	1.03
-9	-9	635.74	15.56	677.78	16.59
Not applicable	-1	11.61	0.28	689.39	16.88
Not yet	1	192.96	4.72	882.35	21.60
Beginning	2	396.84	9.71	1279.19	31.31
In progress	3	817.76	20.02	2096.95	51.33
Intermediate	4	1107.94	27.12	3204.89	78.46
Proficient	5	880.11	21.54	4085.00	100.00

elc09b11: 8/9 - Teach 21.3 - Recognises shape properties/relationships

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	50.39	1.23	50.39	1.23
-9	-9	635.74	15.56	686.13	16.80
Not applicable	-1	57.16	1.40	743.29	18.20
Not yet	1	101.13	2.48	844.41	20.67
Beginning	2	324.12	7.93	1168.53	28.61
In progress	3	729.33	17.85	1897.86	46.46
Intermediate	4	1258.96	30.82	3156.81	77.28
Proficient	5	928.19	22.72	4085.00	100.00

elc09b12: 8/9 - Teach 21.4 - Uses measurement tools accurately

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	46.89	1.15	46.89	1.15
-9	-9	635.74	15.56	682.63	16.71
Not applicable	-1	34.69	0.85	717.32	17.56
Not yet	1	68.21	1.67	785.52	19.23
Beginning	2	323.10	7.91	1108.63	27.14
In progress	3	748.91	18.33	1857.53	45.47
Intermediate	4	1317.98	32.26	3175.52	77.74
Proficient	5	909.48	22.26	4085.00	100.00

elc09b13: 8/9 - Teach 21.5 - Understands place value with whole numbers

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	44.24	1.08	44.24	1.08
-9	-9	635.74	15.56	679.98	16.65
Not applicable	-1	14.79	0.36	694.77	17.01
Not yet	1	96.50	2.36	791.27	19.37
Beginning	2	295.72	7.24	1086.99	26.61
In progress	3	570.97	13.98	1657.96	40.59
Intermediate	4	1113.61	27.26	2771.56	67.85
Proficient	5	1313.44	32.15	4085.00	100.00

elc09b14: 8/9 - Teach 21.6 - Estimates reasonably and checks

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	42.08	1.03	42.08	1.03
-9	-9	635.74	15.56	677.81	16.59
Not applicable	-1	56.81	1.39	734.62	17.98
Not yet	1	203.80	4.99	938.42	22.97
Beginning	2	406.88	9.96	1345.30	32.93
In progress	3	845.69	20.70	2190.98	53.63
Intermediate	4	1201.37	29.41	3392.35	83.04
Proficient	5	692.65	16.96	4085.00	100.00

elc09b15: 8/9 - Teach 21.7 - Organises data into graphs

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	43.44	1.06	43.44	1.06
-9	-9	635.74	15.56	679.18	16.63
Not applicable	-1	60.27	1.48	739.45	18.10
Not yet	1	110.74	2.71	850.19	20.81
Beginning	2	337.68	8.27	1187.87	29.08
In progress	3	691.18	16.92	1879.04	46.00
Intermediate	4	1264.04	30.94	3143.08	76.94
Proficient	5	941.92	23.06	4085.00	100.00

elc09b16: 8/9 - Teach 21.8 - Models/reads/writes/compares fractions

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	48.71	1.19	48.71	1.19
-9	-9	635.74	15.56	684.45	16.76
Not applicable	-1	81.85	2.00	766.30	18.76
Not yet	1	196.32	4.81	962.62	23.56
Beginning	2	527.41	12.91	1490.03	36.48
In progress	3	931.62	22.81	2421.65	59.28
Intermediate	4	1044.25	25.56	3465.90	84.84
Proficient	5	619.10	15.16	4085.00	100.00

elc09b17: 8/9 - Teach 21.9 - Divides 2 digits by 1 digit

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	45.77	1.12	45.77	1.12
-9	-9	635.74	15.56	681.51	16.68
Not applicable	-1	137.56	3.37	819.07	20.05
Not yet	1	397.16	9.72	1216.23	29.77
Beginning	2	533.42	13.06	1749.65	42.83
In progress	3	905.35	22.16	2655.00	64.99
Intermediate	4	885.87	21.69	3540.87	86.68
Proficient	5	544.13	13.32	4085.00	100.00

etmathcr: 8/9 - T/C - ARS math thinking (V2 - Rasch modelled)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	704.21	17.24	704.21	17.24
1	51.41	1.26	755.62	18.50
2	379.60	9.29	1135.22	27.79
3	1135.62	27.80	2270.84	55.59
4	1317.61	32.25	3588.45	87.84
5	496.55	12.16	4085.00	100.00

etmathc: 8/9 - T/C - ARS math thinking (V2)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	679.21	16.63	679.21	16.63
1	94.51	2.31	773.72	18.94
2	397.46	9.73	1171.18	28.67
3	810.17	19.83	1981.35	48.50
4	1310.87	32.09	3292.22	80.59
5	792.78	19.41	4085.00	100.00

elc08t1b: 8/9 - T/C - Teach 22.1- Reading progress

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	35.80	0.88	35.80	0.88
-9	-9	635.74	15.56	671.54	16.44
Far below average	1	205.60	5.03	877.14	21.47
Below average	2	652.25	15.97	1529.39	37.44
Average	3	1375.20	33.66	2904.59	71.10
Above average	4	1044.79	25.58	3949.38	96.68
Far above average	5	135.62	3.32	4085.00	100.00

elc08t2b: 8/9 - T/C - Teach 22.2 - Maths progress

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	47.43	1.16	47.43	1.16
-9	-9	635.74	15.56	683.16	16.72
Far below average	1	155.68	3.81	838.84	20.53
Below average	2	587.02	14.37	1425.86	34.90
Average	3	1600.49	39.18	3026.35	74.08
Above average	4	927.94	22.72	3954.29	96.80
Far above average	5	130.71	3.20	4085.00	100.00

elc08t3b: 8/9 - T/C - Teach 22.3 - Overall school achievement

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	53.81	1.32	53.81	1.32
-9	-9	635.74	15.56	689.55	16.88
Far below average	1	148.69	3.64	838.24	20.52
Below average	2	567.24	13.89	1405.48	34.41
Average	3	1593.18	39.00	2998.66	73.41
Above average	4	986.96	24.16	3985.63	97.57
Far above average	5	99.37	2.43	4085.00	100.00

elc10a1: 8/9 - Teach 25.1 - Keeps belongings organised

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	23.23	0.57	23.23	0.57
-9	-9	635.74	15.56	658.97	16.13
No opportunity	-1	4.24	0.10	663.21	16.24
Never	1	186.28	4.56	849.50	20.80
Sometimes	2	750.82	18.38	1600.32	39.18
Often	3	756.34	18.51	2356.66	57.69
Very often	4	1728.34	42.31	4085.00	100.00

elc10a2: 8/9 - Teach 25.2 - Shows eagerness to learn new things

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	25.17	0.62	25.17	0.62
-9	-9	635.74	15.56	660.90	16.18
No opportunity	-1	10.73	0.26	671.64	16.44
Never	1	36.78	0.90	708.41	17.34
Sometimes	2	636.00	15.57	1344.42	32.91
Often	3	843.98	20.66	2188.40	53.57
Very often	4	1896.60	46.43	4085.00	100.00

elc10a3: 8/9 - Teach 25.3 - Works independently

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	25.25	0.62	25.25	0.62
-9	-9	635.74	15.56	660.98	16.18
No opportunity	-1	7.28	0.18	668.26	16.36
Never	1	80.87	1.98	749.14	18.34
Sometimes	2	688.81	16.86	1437.95	35.20
Often	3	899.94	22.03	2337.88	57.23
Very often	4	1747.12	42.77	4085.00	100.00

elc10a4: 8/9 - Teach 25.4 - Easily adapts to changes in routine

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	24.46	0.60	24.46	0.60
-9	-9	635.74	15.56	660.20	16.16
No opportunity	-1	12.72	0.31	672.91	16.47
Never	1	48.94	1.20	721.86	17.67
Sometimes	2	492.30	12.05	1214.16	29.72

elc10a4: 8/9 - Teach 25.4 - Easily adapts to changes in routine

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Often	3	960.58	23.51	2174.74	53.24
Very often	4	1910.26	46.76	4085.00	100.00

elc10a5: 8/9 - Teach 25.5 - Persists in completing tasks

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	23.35	0.57	23.35	0.57
-9	-9	635.74	15.56	659.09	16.13
No opportunity	-1	7.30	0.18	666.39	16.31
Never	1	147.32	3.61	813.71	19.92
Sometimes	2	754.68	18.47	1568.39	38.39
Often	3	872.48	21.36	2440.87	59.75
Very often	4	1644.13	40.25	4085.00	100.00

elc10a6: 8/9 - Teach 25.6 - Pays attention well

	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	25.65	0.63	25.65	0.63
-9	-9	635.74	15.56	661.39	16.19
No opportunity	-1	5.77	0.14	667.16	16.33
Never	1	106.95	2.62	774.10	18.95
Sometimes	2	881.38	21.58	1655.49	40.53
Often	3	881.02	21.57	2536.51	62.09
Very often	4	1548.49	37.91	4085.00	100.00

etappr: 8/9 - T/C - Child's approach to learning

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	654.57	16.02	654.57	16.02
1	23.13	0.57	677.71	16.59
2	585.86	14.34	1263.56	30.93
3	1065.42	26.08	2328.98	57.01
4	1756.02	42.99	4085.00	100.00