



RAPID AUTOMATISED NAMING - LETTERS Norms Tables

Longitudinal Norms for British-English Children

These norms are based on repeated testing of a cohort of children at two time points between the end of Year 1 and the middle of Year 2.

Table 1

Descriptive statistics for Rapid Automatised Naming -- Letters (Average Time Taken, Across Two Trials, to Name 40 Letters) over Two Time Points from End-Year 1 to Mid-Year 2.

	n	Mean age months	Mean Time seconds	SD	Min - Max	Reliability Test-retest
End-Year 1	147	75.02	39.64	15.81	21-102	.80
Mid-Year 2	153	80.00	32.51	11.12	16-72	.84

Table 2

Percentile Ranks Corresponding to the Average Time Taken to Name 40 Letter Items (Over Two Trials) at Each Time Point.

	5 th	10 th	25 th	50 th	75 th	90 th	95 th	99 th
End-Year 1	71	60	46	37	28	24	23	21
Mid-Year 2	57	49	40	29	24	22	20	17

Note: Percentiles are derived from observed sample estimations. The 50th percentile is the median score.

Table 3*

Descriptive statistics for Rapid Automatised Naming -- Letters Errors (Average of Errors per Trial) over Two Time Points from End-Year 1 to Mid-Year 2.

	n	Mean age months	Mean errors/trial	SD	Min - Max
End-Year 1	147	75.02	4.33	6.90	0 - 35
Mid-Year 2	153	80.00	1.80	4.05	0 - 27

* Please note, we do not supply percentiles or standardized scores for errors as the error rates are very low.

Table 4

Standard Score Conversion Table with Confidence Intervals (bottom of Table) for Rapid Automatised Naming -- Letters.

The standard scores have a mean of 100, and a standard deviation of 15. Standard scores falling between 85 and 115 points are within the average range. Find the child's raw score (average time taken, across two trials, to name 40 letters) in the relevant column and read across to the left-most column to obtain the corresponding standard score.

Standard Score Conversion Table for Rapid Automatised Naming - Letters		
Standard Score	End-Year 1	Mid-Year 2
65	≥ 97	≥ 65
66	96-4	64
67	93-0	
68	89	63
69		62
70		
71	85	60
72	84-77	
73	76	59
74	75-4	58
75	73-1	57
76	70	56-4
77	69-5	53
78	64	52
79	63	51
80	62-1	50-49
81	60-59	
82	58	48
83	57	47-6
84	56	45
85	55-4	44
86	53	
87	52	43
88	51-0	42
89	49-7	41
90	46	40
91	45	39-8

Standard Score Conversion Table for Rapid Automatised Naming – Letters (cont'd)		
Standard Score	End-Year 1	Mid-Year 2
92	44	37
93		36
94	43	35-4
95	42	33
96	41	32
97	40	
98	39	31
99	38	30
100	37-6	29
101	35	
102	34	28
103	33	
104	32	27
105	31	
106	30	
107	29	
108		26
109		25
110		
111	28	24
112		
113	27	
114		
115	26	
116		23
117		
118		
119	25	22
120		
121	24	
122		21
123		
124		

Standard Score Conversion Table for Rapid Automatisised Naming – Letters (cont'd)		
Standard Score	End-Year 1	Mid-Year 2
125		
126	23	20
127		
128		
129		19
130	22	
131		
132		
133		
134		
135	≤ 21	≤ 18
Confidence Intervals (SEMs) for the standard scores. Add/subtract the CI value to/from the standard score value in the left-most column to obtain the confidence range.		
CI 68% +/-	7	6
CI 95% +/-	13	12