PHONEME BLENDING TASK
Norms Tables

Longitudinal Norms for British English Children

These norms are based on repeated testing of a cohort of children at five time points between mid-Reception Year and mid-Year 2.

Table 1

Descriptive statistics for Phoneme Blending Task (Number of Words Blended Correctly) over Five Time Points from Mid-Reception Year to Mid-Year 2.

	n	Mean age months	Mean words correct	SD	Min - Max	Reliability Cronbach's α
Mid-Reception Year[a]	188	60.27	5.60	2.37	0 -- 10	.76
End-Reception Year[a]	177	63.38	6.59	2.05	0 -- 9	.70
Mid-Year 1	178	68.07	13.33	4.81	0 -- 23	.85
End-Year 1	169	74.99	15.59	4.13	1 -- 24	.76
Mid-Year 2	170	79.95	16.84	3.87	5 -- 24	.79

Note: a = In Reception Year, the task comprised 10 items (after which 24 items).

Table 2

Percentile Ranks Corresponding to Raw Scores of the Number of Words Blended Correctly at Each Time Point.

	5th	10th	25th	50th	75th	90th	95th	99th
Mid-Reception Year[a]	1	2	4	6	7	8	9	10
End-Reception Year[a]	--	3	6	7	8	9	--	--
Mid-Year 1	5	7	10	14	17	19	20	22
End-Year 1	9	10	13	16	19	21	22	23
Mid-Year 2	10	12	14	17	20	21	22	23

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

Table 3

Standard Score Conversion Table with Confidence Intervals (bottom of Table) for Phoneme Blending Accuracy.

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 (total number of words blended correctly) in the relevant column and read across to the left-most column to obtain the corresponding standard score.

Standard Score Conversion Table for Phoneme Blending Task					
Standard Score	Mid-Reception Year	End-Reception Year	Mid-Year 1	End-Year 1	Mid-Year 2
65				≤ 4	≤ 6
66		0	≤ 1		7
67					
68				5	
69			2		
70	0			6	8
71		1	3		
72					
73		2	4	7	
74					9
75			5	8	
76					
77	1			9	10
78		3	6		11
79					
80				10	
81	2				
82			7	11	12
83		4			
84					
85	3		8	12	
86		5			13
87					
88			9		
89	4				14
90			10	13	
91					
92		6			
93			11		15
94	5			14	
95			12		
96					16
97					
98			13	15	
99					17

Standard Score	Mid-Reception Year	End-Reception Year	Mid-Year 1	End-Year 1	Mid-Year 2
100	**6**	**7**	**14**		
101				16	
102					18
103			15		
104				17	
105					
106			16		19
107	7			18	
108					
109		8	17		
110					
111				19	20
112					
113			18		
114					
115	8			20	
116					
117					21
118			19		
119					
120				21	
121		≥ 9			
122			20		22
123					
124					
125	≥ 9				
126					
127				22	
128			21		
129					≥ 23
130					
131					
132					
133					
134					
135			≥ 22	≥ 23	

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**	**8**	**6**	**7**	**7**
CI 95% +/-	**14**	**16**	**11**	**14**	**13**