

Supplemental Material S5. Event-related brain potential (ERP) between-condition mixed-effect model with region of interest (ROI) electrodes.

Difference waves 500–700 ms			
Fixed effects		b	95% CI
Set ¹		3.58	2.56 4.59
Group ²		1.36	-1.70 4.41
Learning condition ³		4.59	3.20 5.98
Group × Learning Condition		-0.34	-2.30 1.63
Electrode site ⁴			
	PO3	-0.08	-2.05 1.88
	O1	-0.65	-2.61 1.31
	Pz	0.77	-1.19 2.73
	Oz	-0.39	-2.35 1.57
	P4	0.93	-1.03 2.89
	PO4	0.29	-1.67 2.25
	O2	-0.60	-2.56 1.36
Intercept		-6.35	-8.95 -3.75
Random effects		σ^2	
Intercept		12.87	6.85 24.17
Error		50.11	45.32 55.40

Note. ¹Set 1 vs. Set 2. ²Developmental language disorder (DLD) vs. typically developing (TD). ³Repeated retrieval with contextual reinstatement (RRCR) vs. immediate retrieval (IR). ⁴Reference electrode (Site 1) is P3, $N = 27$, observations = 800. Effects with 95% confidence intervals (CI) that do not include 0 are statistically significant at $\alpha = 0.05$. Across the ROI, there is a significant fixed effect of learning condition, with a larger N400 elicited in the RRCR/022 condition relative to the IR/000 condition, and a significant fixed effect of set.