

Table 2

Intercorrelations among experimental measures for the younger children (below the diagonal) and older children (above the diagonal)

	1. NARA-II word reading accuracy	2. NARA-II reading comprehension	3. grammatical knowledge	4. vocabulary	5. digit recall	6. digit working memory	7. grammatical correction	8. word-order correction
1. NARA-II word reading accuracy		.557***	.499***	.417***	.214	.417***	.461***	.522***
2. NARA-II reading comprehension	.709**		.352***	.447***	.047	.364**	.275*	.382**
3. grammatical knowledge	.188	.306*		.406**	.234*	.264*	.511***	.351**
4. vocabulary	.291*	.423**	.371*		-.042	.097	.415**	.471***
5. digit recall	.310*	.375**	.467***	.242*		.119	.242*	.327**
6. digit working memory	.193	.196	.339***	-.023	.357*		.109	.146
7. grammatical correction	.017	.072	.240*	.000	.226	-.048		.424***
8. word-order correction	.271*	.403**	.348**	.418***	.428***	.319*	.221	

Note. *** $p < .001$, ** $p < .01$, * $p < .05$ (all one-tailed)

Table 3. Summary of the unique variance explained by Memory, TROG, and Vocabulary when entered in the final step of a fixed-order hierarchical multiple regression analysis to predict performance on the word-order correction and grammatical correction tasks

Word Order Correction			Grammatical Correction	
	ΔR^2		ΔR^2	
Final step	Year 3	Year 5	Final step	Year 5
memory	.104*	.094*	memory	.030
vocabulary	.113**	.165**	vocabulary	.119**
	*			
TROG	.004	.010	TROG	.087*

Table 4

Summary of the fixed-order hierarchical multiple regression analyses to examine the relationships between performance on the word-order correction task and both word reading accuracy and reading comprehension for each age group

	Prediction of word reading accuracy		Prediction of reading comprehension		ΔR^2
	Year 3	Year 5	Year 3	Year 5	
Step one: word-order correction	.073	.273***	Step one: word-order correction	.162**	.146**
Step two: vocabulary, memory, grammatical knowledge	.087	.205**	Step two: vocabulary, memory, grammatical knowledge	.124	.193**
Step one: vocabulary, memory, grammatical knowledge	.051	.399***	Step one: vocabulary, memory, grammatical knowledge	.270**	.319***
Step two: word order correction	.003	.079*	Step two: word-order correction	.016	.019

Note. *** $p < .001$, ** $p < .01$, * $p < .05$

Table 5

Summary of the fixed-order hierarchical multiple regression analyses to examine the relationships between performance on the grammatical correction task and both word reading accuracy and reading comprehension for the older age group

Prediction of word reading accuracy		Prediction of reading comprehension	
	ΔR^2		ΔR^2
Step one: grammatical correction	.212***	Step one: grammatical correction	.076
Step two: vocabulary, memory, syntax	.215**	Step two: vocabulary, memory, syntax	.244**
Step one: vocabulary, memory, syntax	.399***	Step one: vocabulary, memory, syntax	.319***
Step two: grammatical correction	.028	Step two: grammatical correction	.006

Note. *** $p < .001$, ** $p < .01$, * $p < .05$