

Appendix B

Table B1

Descriptive Statistics for Study 2

	Pretest						Posttest							<i>ES</i>
	Treatment			Control			Treatment			Control				
	<i>N</i>	Mean	<i>SD</i>	<i>N</i>	Mean	<i>SD</i>	<i>N</i>	Mean	<i>SD</i>	<i>N</i>	Mean	<i>SD</i>		
PPVT	331	80.2	25.91	309	80.96	25.1	315	96.97	23.7	295	97.48	24.02	0.02	
TNL	332	14.52	8.16	308	14.65	7.96	315	19.87	7.47	294	19.88	8.17	0.01	
CELF SS	332	16.08	4.93	310	15.99	4.73	315	19.38	4.48	295	19.57	4.84	-0.05	
WJ PVT	333	15.07	4.66	310	15.32	4.53	315	16.86	4.68	294	16.66	4.36	0.11	
WJ SC	333	10.24	2.76	310	10.32	2.45	315	11.82	2.4	294	11.61	2.46	0.11	
WJ SS	333	9.85	2.82	310	9.85	2.83	315	10.92	2.55	293	10.91	2.93	0.02	
CSVT	---	---	---	---	---	---	315	8.19	3.18	294	6.29	2.42	0.66	
CSKT PL	---	---	---	---	---	---	312	2.23	2.16	291	1.75	1.6	0.27	
CSKT NA	---	---	---	---	---	---	312	1.87	2.29	291	0.08	0.37	0.96	

Note: *N* = sample size, *SD* = standard deviation, *ES* = effect size for treatment of Hedge's *g* using the covariate adjusted mean difference from the results in the following two tables and corrected for sample size.

Table B2

Results of Main Effects Models for Standardized Outcomes in Study 2

	PPVT			TNL			CELF SS			WJ PVT			WJ SC			WJ SS		
Fixed effects	Est	SE	p	Est	SE	p	Est	SE	p	Est	SE	p	Est	SE	p	Est	SE	p
Intercept	-.03	.04	.506	-.04	.06	.512	.03	.05	.499	-.06	.04	.124	-.04	.06	.474	-.04	.04	.393
Pretest	.82	.02	<.001	.77	.03	<.001	.66	.03	<.001	.85	.02	<.001	.67	.03	<.001	.75	.03	<.001
Treatment	.02	.05	.689	.01	.08	.864	-.05	.06	.418	.11	.05	.030	.11	.08	.150	.02	.06	.779
Size	.05	.06	.388	.11	.08	.200	-.04	.07	.577	-.03	.05	.633	-.08	.08	.371	.07	.06	.291
Random effects	Variance			Variance			Variance			Variance			Variance			Variance		
School	.004			.021			.000			.002			.013			.000		
Residual	.300			.361			.564			.279			.528			.454		

Note. Pretest and posttest were z-scored within Study 2 only for these models to aid in interpretation of coefficients. Est = estimate, *SE* = standard error, PPVT = Peabody Picture Vocabulary Test- Fourth Edition, TNL = Test of Narrative Language, CELF SS = Clinical Evaluation of Language Fundamentals- Fourth Edition Sentence Structure subtest; WJ PVT = Woodcock-Johnson III Tests of Achievement Picture Vocabulary subtest; WJ SC = Woodcock-Johnson Tests of Achievement Science subtest; WJ SS = Woodcock-Johnson Tests of Achievement Social Studies subtest

Table B3

Results of Main Effects Models for Proximal Outcomes in Study 2

	CSV T			CSKT PL			CSKT NA		
Fixed effects	Est	SE	p	Est	SE	p	Est	SE	p
Intercept	-.35	.07	<.001	-.17	.07	.013	-.50	.08	<.001
PPVT pretest	.53	.03	<.001	.35	.04	<.001	.24	.04	<.001
Treatment	.66	.09	<.001	.27	.08	.004	.96	.10	<.001
School size	.02	.10	.829	.14	.09	.140	-.01	.11	.898
Random effects	Variance			Variance			Variance		
School	.027			.007			.029		
Residual	.584			.853			.689		

Note: Pretest and posttest were z-scored within Study 2 only for these models to aid in interpretation of coefficients. Est = estimate, SE = standard error, CSV T = Curriculum-Specific Vocabulary Test; CSKT PL = Curriculum-Specific Knowledge Test – Plants; CSKT NA = Curriculum-Specific Knowledge Test – Native Americans