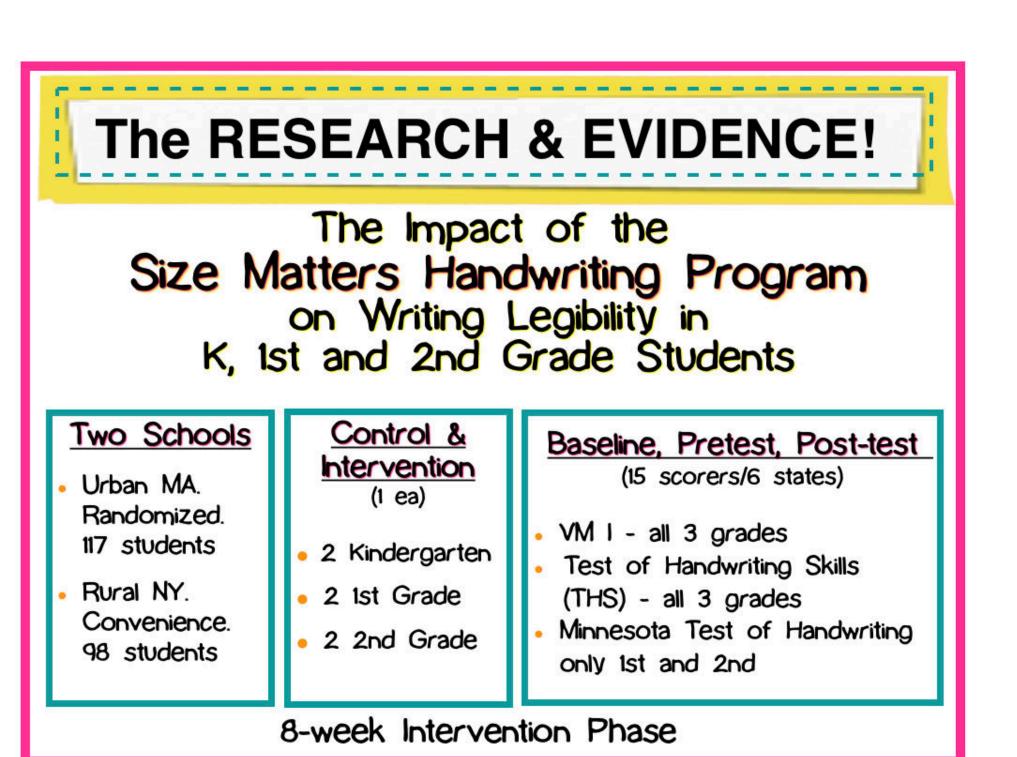
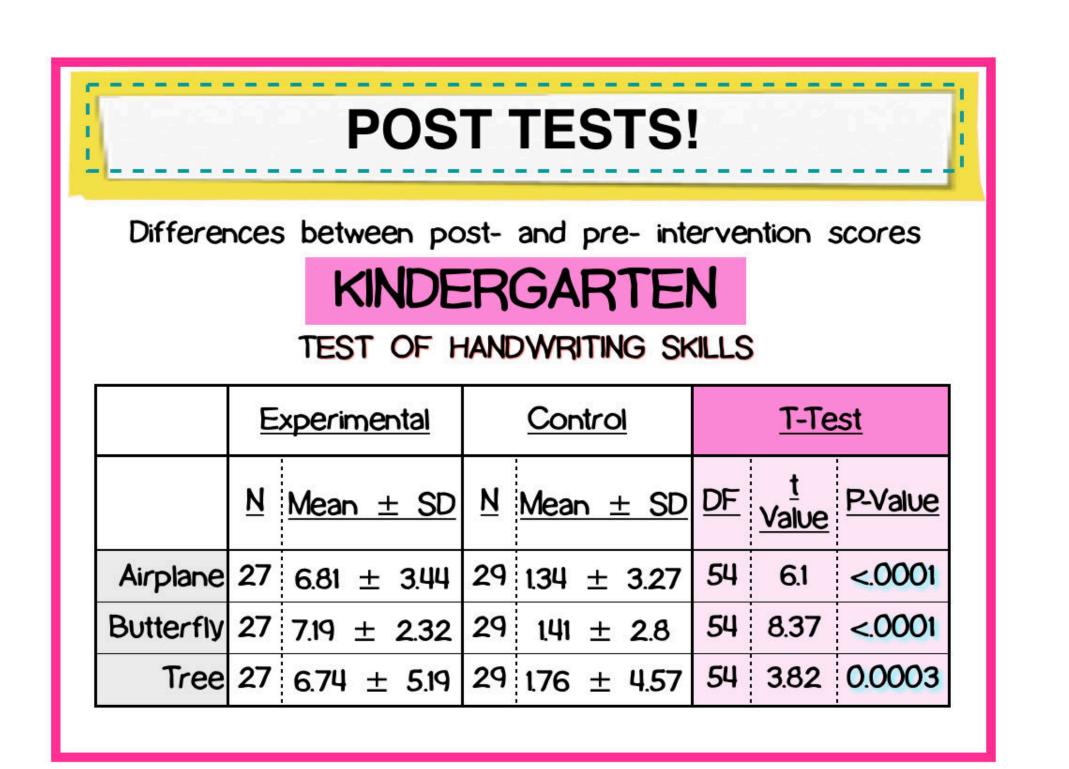
SIZE MATTERS HANDWRITING PROGRAM - An Evidence-based approach!! How to use SMHP as a Push-In Collaborative Model, Pullout Therapeutic Intervention, Curriculum, Center, Home Program and Rtl

Beverly Ff. Moskowitz, DOT MS OTR/L FAOTA



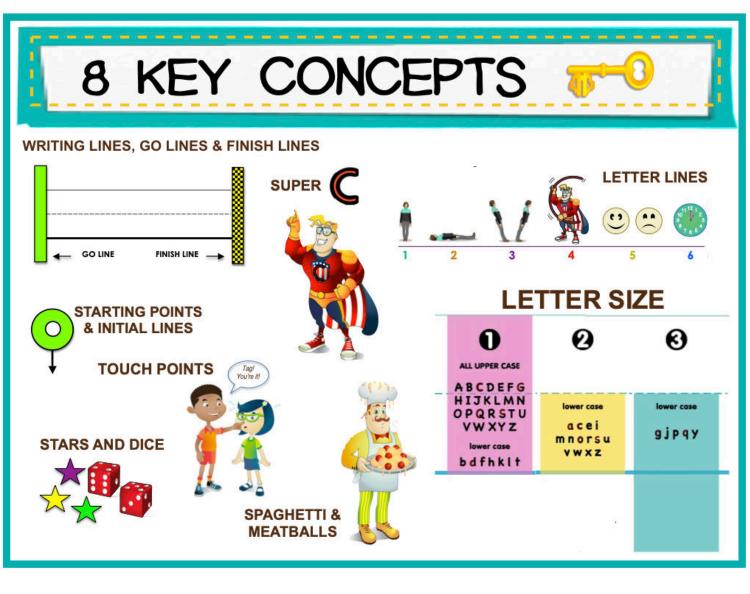


POST TESTS!											
Differe	Differences between post- and pre- intervention scores										
FIRST GRADE											
	MINNESOTA HANDWRITING ASSESSMENT										
		Experimental Property of the P		<u>Control</u>	<u>T-Test</u>						
	<u>N</u>	Mean ± SD	N	Mean ± SD	<u>DF</u>	t Value	P-Value				
Rate	39	-6.33 ± 7.81	26	-1.58 ± 6.62	63	-2.55	0.0132				
Legibility	39	138 ± 3.88	26	-0.81 ± 3.63	63	2.29	0.0256				
Form	39	4.21 ± 5.96	26	173 ± 5.60	63	168	0.0979				
Alignment	39	7.36 ± 7.10	26	1.81 ± 4.83	63	3.48	0.0009				
Size	39	10.79 ± 7.72	26	1.65 ± 4.70	63	5.4	<.0001				
Spacing	39	0.46 ± 4.70	26	0.46 ± 3.35	63	0	1.0000				

POST TESTS!										
Differences between post- and pre- intervention scores										
FIRST GRADE										
27	1	TEST OF H	IAND	WRITING SKI	LLS					
	E	<u>xperimental</u>		<u>Control</u>		T-Te	<u>st</u>			
	N	Mean ± SD	<u>N</u>	Mean ± SD	<u>DF</u>	t Value	P-Value			
Bus	39	4.31 ± 3.28	35	1.86 ± 2.75	72	3.46	0.0009			
Frog	39	4.10 ± 2.94	35	160 ± 2.53	72	3.9	0.0002			
Horse	39	4.56 ± 4.52	35	1.91 ± 5.17	72	2.35	0.0214			
Truck	39	4.56 ± 5.25	35	1.57 ± 3.57	72	2.83	0.0059			
Book	39	5.26 ± 4.75	35	3.00 ± 4.09	72	2.18	0.0327			
Lion	39	6.08 ± 3.47	35	2.23 ± 4.15	72	4.34	<.0001			

POST TESTS!											
Differences between post- and pre- intervention scores SECOND GRADE MINNESOTA HANDWRITING ASSESSMENT											
Experimental Control T-Test											
	N	Mean	, ±	SD	N	Mean	土	SD	DF	t Value	P-Value
	15000000				535424W			3.74	76	-0.15	0.8849
Rate	38	-0.21		2.71		-0.10	工	3.74	•	0.10	0.0044
Rate Legibility			50—33			MERCHAND RIVER	\$2—350	55525300 3700	76		0.003
Legibility	38	0.45	±	2.21	40	MERCHAND RIVER	±	2.24	76	3.07	
Legibility	38 38	0.45 2.32	± ±	2.21 4.29	40 40	-1.10 -0.98	± ±	2.24 4.84	76	3.07 3.17	0.003
Legibility Form Alignment	38 38 38	0.45 2.32 3.82	± ± ±	2.21 4.29 5.43	40 40 40	-1.10 -0.98	± ± ±	2.24 4.84 4.34	76 76 76	3.07 3.17 4.81	0.003

POST TESTS!									
Differences between post- and pre- intervention scores SECOND GRADE									
TEST OF HANDWRITING SKILLS Experimental Control T-Test									
	N	Mean ± SD	N	Mean ± SD	DF	t-Value	P-Valu		
Airplane	38	3.42 ± 3.23	40	-0.18 ± 2.80	76	5.26	<.000		
Bus	38	2.34 ± 3.42	40	-1.13 ± 2.45	76	5.17	<.000		
Butterfly	38	3.61 ± 2.81	40	-0.70 ± 2.90	76	6.65	<.000		
Frog	38	1.26 ± 3.40	40	-1.30 ± 2.88	76	3.6	0.000		
Tree	38	2.37 ± 3.66	40	-1.40 ± 3.54	76	4.63	<.000		
Horse	38	3.11 ± 4.21	40	-1.55 ± 5.28	76	4.29	<.000		
Truck	38	1.45 ± 3.04	40	-1.70 ± 3.56	76	4.19	<.000		
Book	38	1.63 ± 3.32	40	-2.30 ± 3.29	76	5.25	<.000		
Lion	38	2.82 ± 2.62	40	-1.80 ± 3.65	76	6.38	<.000		





- Teach the Rules
- Print poorly sized letters
- Encourage children to critique, and score themselves and classmates
- Embed handwriting across the curriculum by graphing vocabulary and spelling words
- Issue adapted writing paper at various grade levels
- Award Star-Worthy letters

