The Impact of using Picture-to-Text Software on Writing Productivity of Young Writers

Materials- Random Phase change- 5-7-10

	1	2	3	4	<mark>5</mark>	6	7	8	9	10	11	12	13	14	15	10
Digital Recorder	√	√	✓	√	✓	✓	✓	√	✓	√	√					
Batteries- 2 AAA	√	√	√	√	√	√	√	√	√	√	√					
Clipboard with directions, scripts, and checklists	✓	√	√	√	√	√	√	√	√	√	√					
Computer & Cord	√	✓	✓	✓	√	✓	✓	✓	✓	√	√					
Picture to Text Software	✓	✓	√	√	√	√	√	✓	√	✓	✓					
Mouse & mouse pad	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
Markers, Pens, Pencils	✓	✓	√	✓	√	✓	✓	√	✓	✓	✓					
Several types of paper-2 lined, 2 unlined	√	√	√	√	√	√	√	√	√	✓	✓					
2 picture prompts- Paper (Calendar)	✓	✓	✓	✓	√	✓	✓	✓	✓	✓	√					
2 picture prompts- Picture to Text (Calendar)	√	√	√	√	√	√	✓	✓	✓	✓	✓					
Stop watch	✓	✓	✓	✓	√	√	√	✓	√	✓	✓					
Randomization cards- Condition & Phase times	X	✓	√	√	√	✓	✓	✓	✓	✓	✓					
Parent Survey	√	_	_	_	_	_	_	_	_	_	_	_	_	_	_	
Child Survey	√	_	_	_	_	_	_	_	_	_	_	_	_	_	_	
HSRB forms- 2 copies of Parent & Child versions	✓	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
1 st & Last Sequence																
1 st Introductions- warm up talk	✓	_	_	_	_	_	_	_	_	_	_	_	_	_	_	
Explain Assent & Consent	✓	_	_	_	-	_	_	_	_	_	_	_	_	_	_	
Answer questions	√	_	_	-	_	_	_	_	_	_	_	_	_	_	_	
Sign forms	✓	_	_	-	_	_	_	_	_	_	_	_	_	_	_	
Choose name	✓	_	_	-	_	_	_	_	_	_	_	_	_	_	_	
Begin taping if allowed	X	_	_	_	_	_	_	_	_	_	_	_	_	_	_	
Parent survey	✓	_	_	-	_	_	_	_	_	_	_	_	_	_	_	
Child survey	√	_	_	† <u> </u>	_	_	_	_	_	_	_	_	_	_	_	

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General Sequence	11- 16	11- 19	11- 23	11- 25	11- 30	12-03	12- 07	12- 09	12- 11	12/ 13	12- 14			
Begin taping if allowed	X	X	X	X	X	X	X	X	X	X	X			
1 st Introductions- warm up talk- shorter sessions	✓	✓	✓	✓	✓	√	✓	✓	✓	✓	√			
Answer questions	√	✓	✓	✓	✓	✓	√	√	✓	✓	✓			
Randomization cards First Condition	W	T ✓	W ✓	T ✓	T ✓	T ✓	T ✓	T ✓	w ✓	T ✓	T ✓			
Set up 1 st writing surface	√	✓	✓	✓	✓	✓	√	√	✓	✓	√			
Allow Choices – mouse- keyboard-paper-writing utensil	✓	√	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Choose writing prompt	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Read prompt script	✓	✓ ✓	Delayed ✓	√ ✓	√	√√	✓	Delayed ✓	√ ✓	√ ✓	✓			
Start timing	✓	✓	✓	✓	✓	✓	✓	√	✓	✓	✓			
Note start time- latency	✓	✓	✓	✓	✓	√	✓	√	✓	✓	✓			
End 4 minutes after start	✓	✓	✓	√	√	√	✓	✓	✓	✓	✓			

Do- Paper - Put out a variety of types of lined & unlined paper, pencils, markers, pens. Student chooses. Show a variety of calendar pictures- have the student choose one.

Script "Look at this picture. Think about it, and then write four or more sentences to tell what is in the picture or tell about what could be happening. You will have four minutes, but if you would like more time, you may write until you let me know that you are finished."

Do- Picture to Text Put out the computer with a blank document opened.

Show several calendar pictures- have the student choose one.

Script "Look at this picture. Think about it, and then write four or more sentences to tell what is in the picture or tell about what could be happening. You will have four minutes, but if you would like more time, you may write until you let me know that you are finished."

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A Phase	11- 16	11- 19	11- 23	11- 25	11- 30	12- 03	12- 07	12- 09	12- 11	12/13	12- 14			
Baseline writing samples-					5		<mark>7</mark>			10	11			
Paper choices	✓	✓	✓	✓								 	 	
Computer	√	✓	✓	✓								 	 	
B Phase														
Introduce Picture-to- Text Software					✓	✓						 	 	
Demonstrate	_	_			✓	✓				—		 	 	_
Answer Questions	_				√	√						 	 	
Writing samples-		_	_	_								 	 _	
Paper choices	_				✓	✓						 	 	
Computer					√	✓						 	 	
C Phase														
Writing samples-		_					✓	✓	√			 	 	_
Paper choices	_						✓	✓	√			 	 	
Computer							✓	✓	√			 	 	
D Phase														
Introduce 16 Word Pallets										√		 	 	_
Demonstrate		_								✓		 	 	
Answer Questions										✓		 	 	
Writing samples-														
Paper										√	✓	 	 	
Computer										✓	✓	 	 	_