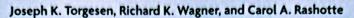
Test of Word Reading Efficiency–Second Edition

TOWRE-2

Examiner Record Booklet Form A





Section 1. Identif	ying Informa	ation				7			
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Additional copies of this form (#13916) may be purchased from PRO-ED, Inc., 800/897-3202, Fax 800/397-7633, www.proedinc.com

Sight Word Efficiency

Materials: Stopwatch, Sight Word Efficiency reading card Form A

Ceiling: Administer all items until 45 seconds have elapsed.

Scoring: Record the total number of words the examinee reads correctly in 45 seconds. If the examinee finishes all the words before the time is up, note the time required to read all the words. Mark all the words the examinee reads correctly with a one (1), and mark all the words that are pronounced incorrectly with a zero (0). Draw a line after the examinee's last word. If the examinee skips a word, simply count the item as an error. If the examinee makes an error and then self-corrects, count the item as correct. If the examinee hesitates for more than 3 seconds on a word and is instructed to go to the next word, mark the word as incorrect.

Practice: Present the practice words on the Sight Word Efficiency card. Say, I want you to read some lists of words as fast as you can. Let's start with this practice list. Begin at the top, and read down the list as fast as you can. If you come to a word you cannot read, just skip it and go to the next word. Use your finger to help you keep your place if you want to. Have the examinee read the words aloud. If the examinee skips around, ask him or her to read the words from top to bottom, without jumping around. If the examinee cannot respond correctly to at least one item, discontinue testing and do not record a score.

Practice Words: on, my, bee, old, warm, bone, most, spell

Test: Give the following instructions while holding the Sight Word Efficiency card. Say, OK, now you will read some longer lists of words. The words start out pretty easy, but they get harder as you go along. Read as many words as fast as you can until I tell you to stop. Begin here (turn over the card to show the word list and point to the upper left corner of the list) and read down the list (draw finger down the list) before you start on the next list (point to top of second column). Read the words in order, but if you come to one you can't read, skip it and go to the next one. Use your finger to keep your place if you want to, and if you skip more than one word, point to the word you are reading next. (Turn the card back to the practice words.) Do you understand? OK, you will begin as soon as I turn over the card.

Quickly turn over the card to the list of words to be administered and start timing as soon as the examinee says the first word. After 45 seconds, tell the examinee to stop, and draw a line under the last word read. If, before the time is up, the examinee indicates that he or she cannot read any more words, ask the examinee to look over the whole list to see if there are any more words that he or she can read. If the examinee then indicates that he or she can read no more words, stop testing.

Form A				
1. is	23. men	45. space	67. morning	89. understand
2. up	24. baby	46. short	68. resolve	90. emphasis
3. cat	25. new	47. left	69. describe	91. confident
4. red	26. stop	48. people	70. garment	92. intuition
5. me	27. work	49. almost	71. business	93. boisterous
6. to	28. jump	50. waves	72. qualify	94. plausible
7. no	29. part	51. child	73. potent	95. courageous
8. we	30. fast	52. strong	74. collapse	96. alienate
9. he	31. fine	53. crowd	75. elements	97. extinguish
10. the	32. milk	54. better	76. pioneer	98. prairie
11. and	33. back	55. inside	77. remember	99. limousine
12. yes	34. lost	56. plane	78. dangerous	100. valentine
13. of	35. find	57. pretty	79. uniform	101. detective
14. him	36. paper	58. famous	80. necessary	— 102. recently
15. as	37. open	59. children	81. problems	— 103. instruction
16. book	38. kind	60. without	82. absentee	104. transient
17. was	39. able	61. finally	83. advertise	— 105. phenomenon
18. help	40. shoes	62. strange	— 84. pleasant	— 106. calculated
19. then	41. money	63. budget	85. property	— 107. alternative
20. time	42. great	64. repress	86. distress	108. collective
21. wood	43. father	65. contain	87. information	
22. let	44. river	66. justice	88, recession	
Number of words read co	orrectly: If examine	the second of th	s, note time to finish:	

Form A



Profile/Response Form

Gray Silent Reading Tests

	Secti	ion I. Identify	ing Info	rmation	1				
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	Se	ection II. Rece	ord of S	cores					
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Answer Sheet

Form A 🔀

Form B

Date of Test ______

Directions: Mark your answer to the questions in the circles below.

Story 1 —

Name ____

- 1. (a) (b) (c) (d)
- 2. (a) (b) (c) (d)
- 3. (a) (b) (c) (d)
- 4. (a) (b) (c) (d)
- 5. (a) (b) (c) (d)

Story 2 —

- 1. (a) (b) (c) (d)
- 2. (a) (b) (c) (d)
- 3. (a) (b) (c) (d)
- 4. (a) (b) (c) (d)
- 5. (a) (b) (c) (d)

- Story 3 -

- 1. (a) (b) (c) (d)
- 2. (a) (b) (c) (d)
- 3. (a) (b) (c) (d)
- 4. (a) (b) (c) (d)
- 5. (a) (b) (c) (d)

- Story 4 -

- 1. (a) (b) (c) (d)
- 2. (a) (b) (c) (d)
- 3. (a) (b) (c) (d)
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- 5. (a) (b) (c) (d)

Story 5 -

- 1. (a) (b) (c) (d)
- 2. (a) (b) (c) (d)
- 3. (a) (b) (c) (d)
- 4. (a) (b) (c) (d)
- 5. (a) (b) (c) (d)

Story 6 -

- 1. (a) (b) (c) (d)
- 2. (a) (b) (c) (d)
- 3. (a) (b) (c) (d)
- 4. (a) (b) (c) (d)
- 5. (a) (b) (c) (d)

- Story 7 -

- 1. (a) (b) (c) (d)
- 2. (a) (b) (c) (d)
- 3. (a) (b) (c) (d)
- 4. (a) (b) (c) (d)
- 5. (a) (b) (c) (d)

- Story 8 -

- 1. (a) (b) (c) (d)
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Story 9 -

- 1. (a) (b) (c) (d)
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- Story 10 -

- 1. (a) (b) (c) (d)
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- 3. (a) (b) (c) (d)
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Story 11 —

- 1. (a) (b) (c) (d)
- 2. (a) (b) (c) (d)
- 3. (a) (b) (c) (d)
- 4. (a) (b) (c) (d)
- 5. (a) (b) (c) (d)

- Story 12 -

- 1. (a) (b) (c) (d)
- 2. (a) (b) (c) (d)
- 3. (a) (b) (c) (d)
- 4. (a) (b) (c) (d)
- 5. (a) (b) (c) (d)

Story 13 -

- 1. (a) (b) (c) (d)
- 2. (a) (b) (c) (d)
- 3. (a) (b) (c) (d)
- 4. (a) (b) (c) (d)
- 5. (a) (b) (c) (d)

Raw Score _____

Dyslexia Study Pre-survey

* Indicates required question

1.	Please briefly describe your current knowledge of [insert training	session topic	*
	here]. Why programming wimportant, Datatypes (intiboolcan, Float),	syntax (indentation)	-)

2. On a scale from 1 to 10, with 1 being "Not difficult at all" and 10 being "Extremely difficult," how challenging do you think learning [insert training session topic here] will be for you?

Mark only one oval.



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Training Session 1

- 1. Which of the following could you store as a float?
 - a) Clothing price
 - b) Number of children
 - c) Houses owned
 - d) Number of files
- 2. Which of the following can be correctly stored as a string in Python?
 - a) User's email address
 - b) Current year
 - c) Average rating of a product
 - d) Distance between cities
- 3. What is the bug in this code? The purpose of this code is to calculate the average grades (grade would be float)

grade1 = 90

grade2 = 80

grade3 = 70

average = (grade1 + grade2 + grade3) // 0

- a) One of the grades is declared incorrectly.
- b) The program cannot divide by 0.
- c) There are no bugs.
- d) It should be '/' instead of '//'
- 4. Rewrite this math equation to return a float. $(4\times3) \frac{2}{12}$
 - a) (4 * 3) (2 // 12)
 - b) (4)(3) (2 // 12)
 - c) (4 * 3) (2 / 12)
 - d) 4 * 3 2 // 12
- 5. Which of the following marks the beginner of a comment?
 - a) //
 - b) #
 - c) *
 - d) &

Dyslexia Study Post-survey

* In	ndicates required question	
1.	Please provide a brief summary of what you have learned about [insert train	ina *
	session topic here].	9
2.	On a scale from 1 to 10, with 1 being "Not difficult at all" and 10 being "Extre difficult," how challenging do you think learning [insert training session topic will be for you?	
	Mark only one oval.	
	1 2 3 4 5 6 7 8 9 10	
	Not O O O Extremely difficult	
3.	What specific aspects of [insert training session topic here] did you find diffic learn? Please explain.	ult to:
4.	Now that you have completed the training session, how comfortable do you with the topic? Again, on a scale from 1 to 10, with 1 being "Not comfortable and 10 being "Extremely comfortable," please rate your comfort level. Mark only one oval.	
	1 2 3 4 5 6 7 8 9 10	
	Not O O O Extremely comfortable	
	Little Hely Collifortable	

5. Reflecting on the coding questions posed during the training, how difficult did you find them? On a scale from 1 to 10, with 1 being "Very easy" and 10 being "Very difficult," please select your level of difficulty.

Mark only one oval.



6. Could you describe any challenges or obstacles you encountered while learning [insert training session topic here]? Please include details on how these challenges affected your learning experience.

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Dyslexia Study Pre-survey

* Indicates required question

1.	Please briefly describe your current knowledge of [insert training session topic	
	here]. Lonic, logical operators, if elif, else statements	

2. On a scale from 1 to 10, with 1 being "Not difficult at all" and 10 being "Extremely difficult," how challenging do you think learning [insert training session topic here] will be for you?

Mark only one oval.



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Training Session 2

- 1. Evaluate the following return a true or false value
 - a) (4 > 3) and (48 < 9.11)
 - b) (2 < 3) or !(92 <= 93) !
 - c) !(3 < 10) or ((9 != 3) and (3 >= 3))
- 2. A shop will give a discount of 10% if the cost of the quantity purchased is more than 1000. You are given the quantity as a variable. Suppose, one unit will cost 100. Write the conditional statement to check whether the total price is more than 1000.
 - a) (quantity * 100) > 1000
 - b) (quantity // 100) <= 100 **0**
 - c) (quantity * 100) != 100 O
 - d) (quantity + 100) != 100 O
- 3. What is the bug in this code? The purpose is to see whether a discount should be added. Discounts are added if and only if the price is less than 100.

```
if (price >= 100):
price = discount * price
```

else:

print("No discount added.")

- a) The price is checked wrong
- b) There are no errors
- c) The indentations are wrong
- d) None of the above
- 4. What is the correct syntax for an if-statement in Python?
 - a) if x > y then:
 - b) if x > y:
 - c) if $(x > y) \{ \}$
 - d) if (x > y) then $\{\}$
- 5. Why is logic and conditional statements important?
 - a) It allows for decision-making in programs
 - b) It mimics real-life logic, allowing for practical applications
 - c) It controls the flow of the program
 - d) All of the above

Dyslexia Study Post-survey

* In	dicates required question	
	aicates required question	
1.	Please provide a brief summary of what you have learned about [insert training session topic here].	*
2.	On a scale from 1 to 10, with 1 being "Not difficult at all" and 10 being "Extremely difficult," how challenging do you think learning [insert training session topic here] will be for you? Mark only one oval.	*
	1 2 3 4 5 6 7 8 9 10	
	Not O C Extremely difficult	
3.	What specific aspects of [insert training session topic here] did you find difficult to learn? Please explain.	
4.	Now that you have completed the training session, how comfortable do you feel with the topic? Again, on a scale from 1 to 10, with 1 being "Not comfortable at all" and 10 being "Extremely comfortable," please rate your comfort level. Mark only one oval.	*
	1 2 2 4 5 6 7 0 0 10	
	1 2 3 4 5 6 7 8 9 10	
	Not O O O O O O Fytremely comfortable	

5. Reflecting on the coding questions posed during the training, how difficult did you find them? On a scale from 1 to 10, with 1 being "Very easy" and 10 being "Very difficult," please select your level of difficulty.

Mark only one oval.



6. Could you describe any challenges or obstacles you encountered while learning [insert training session topic here]? Please include details on how these challenges affected your learning experience.

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Dyslexia Study Pre-survey

* Indicates required question

1.	Please briefly describe your current knowledge of [insert training session topic	
	here]. List, loops (while loops, Bo-loops)	

2. On a scale from 1 to 10, with 1 being "Not difficult at all" and 10 being "Extremely difficult," how challenging do you think learning [insert training session topic here] will be for you?

Mark only one oval.



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Training Session 3

- 1. I want to create a list of my favorite coding languages. How would I make it, and how would I print "c++"?
 - a) languages = ["python", "java", "c++", "matlab"]
 print(languages[2])
 - b) languages = ["python", "java", "c++", "matlab"]
 print(languages[3])
 - c) languages = {"python", "java", "c++", "matlab"}
 print(languages[2]) '
 - d) languages = {"python", "java", "c++", "matlab}
 print(languages[3])
- 2. What is the correct way to print each element of a list using for-loops? Assume I declared a list: grades = [100, 98, 78, 83]
 - a) for grade in grades:

```
print(grade)
```

b) for i in len(grades):

print(i)

c) for (grade: grades):

print(grade)

- d) for (i = 0; i < len(grades); ++i):
 print(grade)</pre>
- 3. How many times will count be printed?

- a) 01234
- b) 012345
- c) 1234
- d) 12345
- 4. What is the bug in this code?

item = []
print(items[0])

- a) There are no errors
- b) The indentation is wrong
- c) There is no 0 index because the list is empty
- d) Print statement is incorrect
- 5. When would a while-loop be used over a for-loop?
 - e) When a block of code is executed once
 - f) When a block of code is to be repeated as long as a condition is true
 - g) When a sequence needs to be iterated
 - h) When a function is defined and needs to be used multiple times

Dyslexia Study Post-survey

* In	dicates required question	
1.	Please provide a brief summary of what you have learned about [insert training session topic here].	*
2.	On a scale from 1 to 10, with 1 being "Not difficult at all" and 10 being "Extremely difficult," how challenging do you think learning [insert training session topic here] will be for you?	*
	Mark only one oval.	
	1 2 3 4 5 6 7 8 9 10	
	Not O O O Extremely difficult	
3.	What specific aspects of [insert training session topic here] did you find difficult to learn? Please explain.	
4.	Now that you have completed the training session, how comfortable do you feel with the topic? Again, on a scale from 1 to 10, with 1 being "Not comfortable at all" and 10 being "Extremely comfortable," please rate your comfort level.	*
	Mark only one oval.	
	1 2 3 4 5 6 7 8 9 10	
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5. Reflecting on the coding questions posed during the training, how difficult did you find them? On a scale from 1 to 10, with 1 being "Very easy" and 10 being "Very difficult," please select your level of difficulty.

Mark only one oval.



6. Could you describe any challenges or obstacles you encountered while learning [insert training session topic here]? Please include details on how these challenges affected your learning experience.

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Dyslexia Study Pre-survey

*	Indicates	required	augetion
			9000000

1.	Please briefly describe your current knowledge of [insert training session topic	
	here]. Functions, applications of functions	

On a scale from 1 to 10, with 1 being "Not difficult at all" and 10 being "Extremely difficult," how challenging do you think learning [insert training session topic here] will be for you?

Mark only one oval.



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Training Session 4

- 1. What is the correct way to define a function in Python? Assume a function addNums needs to be declared with num1 and num2 as arguments
 - a) def addNums(num1, num2):
 - b) int addNums(num1, num2) { }
 - c) def addNums():
 - d) function addNums(num1, num2)
- 2. Which of the following statements about functions is true?
 - a) Functions can optionally return values
 - b) Functions are used to reduce code
 - c) Functions cannot be nested
 - d) All of the above
- 3. What is the correct way to CALL a function with multiple parameters? Assume function addNums is define with num1 and num2 as arguments
 - a) addNums(num1, num2)
 - b) addNums()
 - c) def addNums(num1, num2)
 - d) call addNums(num1, num2)
- 4. What is true about the return statement in functions?
 - a) It is optional and can be omitted if the function does not need
 - b) It can only return a certain amount of values
 - c) Multiple values can be returned
 - d) None of the above
- 5. What is the bug in this code. The purpose is to find the middle element of a list findMiddle(list):

list[len(list) / 2)]

- a) The function is defined incorrectly (missing a def statement)
- b) Indentation is incorrect
- c) Element cannot be accessed
- d) There are no errors

Dyslexia Study Post-survey

* In	dicates required question	
1.	Please provide a brief summary of what you have learned about [insert training session topic here].	*
2.	On a scale from 1 to 10, with 1 being "Not difficult at all" and 10 being "Extremely difficult," how challenging do you think learning [insert training session topic here] will be for you? Mark only one oval.	*
	1 2 3 4 5 6 7 8 9 10	
	Not	
3.	What specific aspects of [insert training session topic here] did you find difficult to learn? Please explain.	
4.	Now that you have completed the training session, how comfortable do you feel with the topic? Again, on a scale from 1 to 10, with 1 being "Not comfortable at all" and 10 being "Extremely comfortable," please rate your comfort level. Mark only one oval.	*
	1 2 3 4 5 6 7 8 9 10	
	Net O O O O O O O O Contracte la constante l	
	Not () () () () () Extremely comfortable	

5. Reflecting on the coding questions posed during the training, how difficult did you find them? On a scale from 1 to 10, with 1 being "Very easy" and 10 being "Very difficult," please select your level of difficulty.

Mark only one oval.



6. Could you describe any challenges or obstacles you encountered while learning [insert training session topic here]? Please include details on how these challenges affected your learning experience.

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Dyslexia Study Final Survey

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	 	 90	~ ~~~	

1.	Following the completion of these training sessions, how confident do you feel	*
	about coding? Please rate on a scale from 1 to 10, where 1 indicates "Not confident	
	at all" and 10 indicates "Extremely confident."	

Mark only one oval.



On a scale from 1 to 10, how effective did you find this training in enhancing your
coding skills? Here, 1 stands for "Not effective at all" and 10 stands for "Highly
effective."

Mark only one oval.



3. Please describe any struggles or challenges you encountered while completing the training sessions. What aspects were the most difficult, and how did they impact your learning process?

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Interview script:

- 1. Can you elaborate on the specific challenges you encountered while learning to code? For example, did you struggle with understanding the programming logic, keeping up with syntax, or comprehending the instructional material?
- 2. Reflecting on your learning experience, what could have made it easier or more effective for you to learn coding? Were there particular resources or methods, such as clearer instructions, additional practice problems, or a different pacing of content, that you think would have helped?
- 3. How have your perceptions or thoughts about coding changed as a result of this training? Are you now more inclined to pursue learning in coding? Please describe any shifts in your interest or openness to coding.
- 4. In what ways did your reading disability affect your ability to learn programming? Were there specific aspects of programming that were more challenging because of it?
- 5. Could you compare your experience of reading code with that of reading English text? How do the challenges differ, and in what ways are they similar?