

Section I
Reading Test
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Reading Test—Tutor

Reading Test - Introduction

This module provides a way to test the association of a sound with a choice of five printed words or letters. The sound can be a phrase, word, letter or phonic. If a student knows the word or character well, he should be able to make a correct selection very quickly. It is a timed test, so the speed of recognition is also measured. This also is a good way to detect student tendencies to confuse letters such as “a” and “o”, “b”, “p”, “d” and “q”, “m” and “w” etc. The letter name sound can be provided or the phonic sound. This also is a good way to see if the student tends to do reversals such as “saw” and “was” or “top” and “pot”. Also it can be used to determine if the student knows the difference between words such as “two”, “too” and “to”.

This test is very useful to find out specific reading problems a student may have and thus give the teacher guidance as to what needs to be taught and practiced.

The screen below is the one the Tutor uses to create the test.

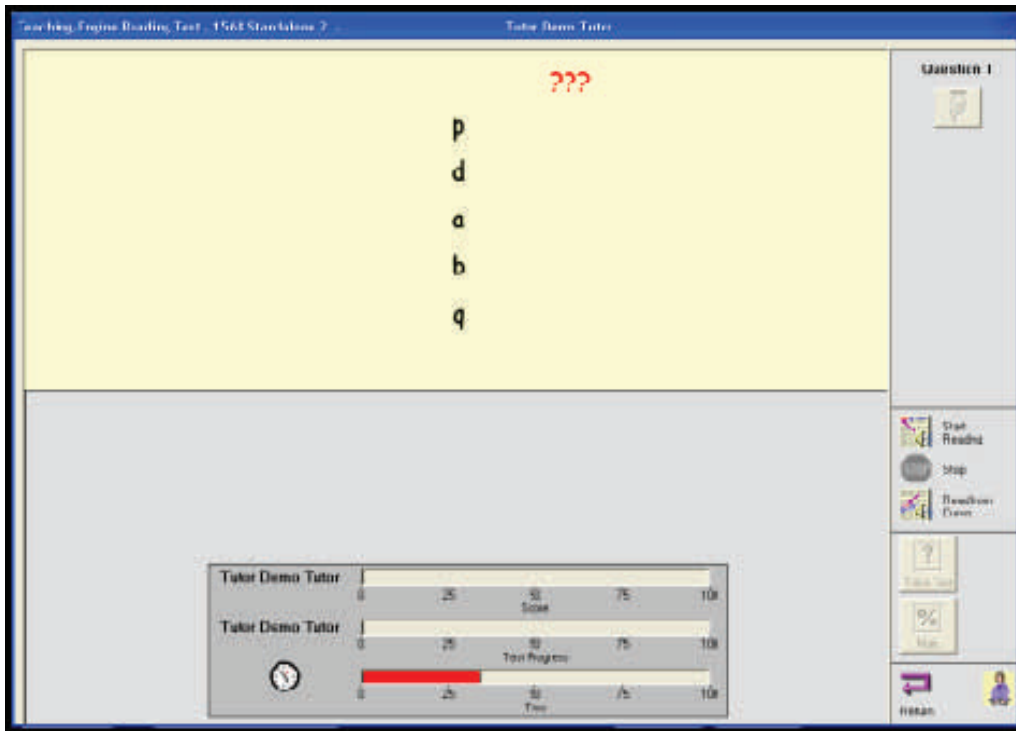


Reading Test Tutor Screen

In the above screen, the form provides places for the Tutor to put in the question [1] and the five possible answers. [2] The first question is to test if the student can pick the letter representing the phonic sound for “b”. After the question text is typed in, the various words or letter have to be defined as to how they will be seen by the student. In the instance of question number one, the “b” and “bat” have been blocked [3] and the ??? icon [4] clicked. This means that the student will hear these elements sounded (as well as the other words in the question), but will only see ??? instead of the character or word. Also, in order to specify that the “b” is to be sounded as a phonic, it is blocked again and the phonic icon [5] clicked.

So, the student hears “select b as in bat”, and then “b” again. (phonic sound for b) but sees ??? instead of “b” and ??? instead of “bat”.

Reading Test - Student



Reading Test Student Screen

The five possible choices for the character are shown to the student and he is to make his choice. In this instance, the most often confused letters are shown as possible choices. Thus it is a challenging test to see if the student not only really knows what letter goes with the phonic sound but also whether he visually inverts the letters vertically or horizontally.

Question 2 (Page I2 [6]), is a sight recognition test for the word "rat". The word "rot" is included among the possible answers, which looks very similar and students do sometimes mistake an "o" for an "a" . The inversion "tar" is also included.

Reading Test-Tutor

Reading Test - 1568 Standalone 2								
Student , C						1568 Standalone 2 Grade X - Class A		
Question Number	1	Choices 2	3	4	5	Answer	Score	Notes
1	p	d	a	b	q	b	1	
2	rot	rat	rut	mat	tar	rot	0	
3	t	v	k	l	r	v	1	

Reading Test Individual Report

When a student takes a reading test, the results are included in the student's database records. The presentation of an individual student's test is shown above. This presentation is designed to accommodate an analysis which might find patterns in the student responses which could indicate where learning difficulties lie. For instance in the above example, for question 2, the correct answer is indicated by the square around "rat" [8] and the student's answer was "rot" [9] possibly indicating that the "a" was confused with the "o". This might suggest that the student should be shown the differences between "a" and "o" and then practice differentiating between the two.