

Rapid Vision Screening Tests for Schools

Instruction Manual

Keystone View

TEST PROCEDURE

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Seat the subject in front of the Telebinocular and close enough to it so that his/her back and head are erect and his/her shoulders level, but relaxed. His/her feet should either be flat on the floor or comfortably placed on rung of his/her chair or stool. (Younger children may stand during the tests.)

Adjust the height of the Telebinocular viewing head so the desired posture can be maintained throughout testing. Do not allow the test subject to pull back or away from the instrument between individual tests. And caution him/her against tilting his/her head at any time.

The Telebinocular cardholder is set at far point (far end of the shaft) or near point (as close to the viewing head as possible) as required.

Set cardholder at far point

Test 1A

Part I-Simultaneous perception

Question: "Do you see some animals? What are they?"

Response: The answer should be, "A dog and a pig."

Recording: If both animals are seen, place a checkmark in the Pass column. If only one animal is seen-or first the dog, then the pig, then the dog, etc.-check the Fail column.

Remarks: Since this is the first of a series of general elimination tests, the significance of any responses other than the expected is not important.

Test 2A

Part I-Depth perception/color vision

Question: "Look at the balloons. Which balloon is farthest away from you; what number and what color is it? Which balloon is closest to you; what number and what color is it?"

Response: Correct answers are: No.2 (red) is the farthest away; No.5 (green) is closest.

Recording: Scores for depth perception and color vision are recorded on separate lines. Be sure to check both.

Remarks: If colors are confused between green and red, failure in color discrimination is indicated. If the student fails the depth perception part of the test, and is under nine years of age, his/her skills in this area may not yet be fully developed because of his/her youthfulness. However, comprehensive Visual Skills test battery should be given as a check.

Part II-Usable distant vision

Question: "Under the balloons are three yellow blocks. Read the letters in block A. Read the letters in block B. Read the letters in block C.

Response: Block A tests both eyes together. The letters are: D C Z P T.
Block B tests the right eye. Letters: Z P D T C.
Block C tests the left eye. Letters are: L D T C Z.

Recording: Do not score block A. This is a training test only. For blocks B and C, four or more letters correct (100% usable vision) is passing. Less than four letters correct should be checked as Fail.

Set cardholder at near point

Test 3A

Part I-Vertical posture

Question: "Does the yellow line pass above, below, or through the white box?"

Response: The answer should be, "Through the box."

Recording: Check Pass if the line passes through any part of the box, Fail if it does not.

Remarks: Correct posture is very important on this test. Any tilt of the head can cause the line to pass over or under the box.

Part II-Fusion

Question: "Under the yellow line are some balls. How many do you see?"

Response: Three balls is the expected answer.

Recording: Check Pass if three balls are seen, or if four balls are originally seen but quickly merge into three. Check Fail if four balls are seen continuously, or three balls becoming four.

Test 4A

Usable near vision

Question: "Here are three yellow blocks. Can you read the letters in each block?"

Response: Block A tests both eyes together. Letters are: L O Z P C.
Block B (right eye): T Z O D L.
Block C (left eye): O P T D C.

Recording: Do not score block A. It is a training test only. For blocks B and C, check Pass if four or more letters in each are correctly identified.

