

## Stereo Acuity Test: Stereo Butterfly (Optional)

Stereopsis measurement should be performed before the eyes are dissociated by tests such as the cover test.

### Ages

3 years through 8 years.

### Purpose

To check for problems with stereo acuity or depth perception.

### Description

By noting if the child is able to see the raised “butterfly” while wearing polarized glasses, the observer is able to check for stereo acuity problems.

### Equipment

Stereo butterfly card and polarized glasses.

### Screener Qualifications

Can be performed by screeners who have received the recommended training by the Minnesota Department of Health or equivalent. Refer to Assessment Tools on the [Vision Screening Forms, Tools and Materials webpage \(www.health.state.mn.us\)](http://www.health.state.mn.us).

### Facilities

A well-lit room, free of glare and distractions.

### Procedure

1. Place the polarized glasses on the child. Do not remove prescription glasses if the child wears them. If the polarized glasses are too large for the child, put a short piece of masking tape on the top of the glasses and use the other end of the tape to hold the glasses on the child’s forehead.
2. When showing the child the test targets, be sure he/she keeps his/her head straight up, as tilting to one side or allowing the glasses to tilt on the nose will interfere with the test.
3. At normal reading distance from the child, hold the stereo butterfly page upright. Ask the child what the figure is that they see. If the child cannot name it or has difficulty, point at the butterfly figure on the page and say, “That’s a butterfly.” Ask the child to touch the butterfly wings.

## STEREO ACUITY TEST: STEREO BUTTERFLY (OPTIONAL)

Note: Move the book up and down slightly (don't tilt) to give optimal viewing of the stereo image.

### **PASS**

Child is able to point to the butterfly wings above the page.

### **REFER**

The child cannot distinguish the butterfly figure in the stereo butterfly card or touches the page when trying to touch the wings.

Minnesota Department of Health  
Child and Teen Checkups  
651-201-3650  
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[www.health.state.mn.us](http://www.health.state.mn.us)

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*To obtain this information in a different format, call: 651-201-3650.*