

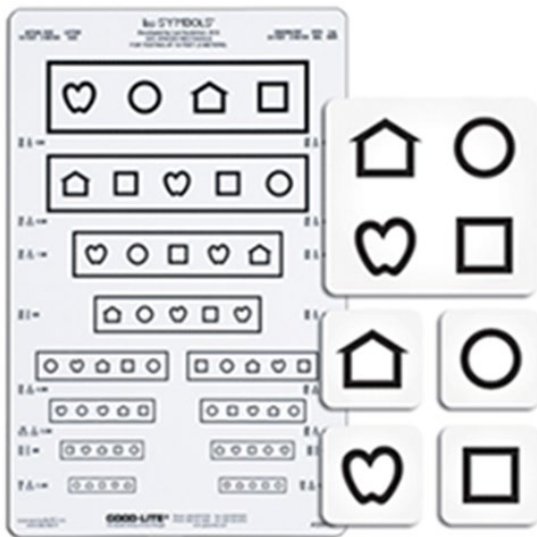
# Equipment For Visual Acuity Screening

## For 3 Through 5 Years of Age

Minnesota Department of Health (MDH) recommends the 10-foot LEA SYMBOLS® or HOTV chart with 50% spaced rectangle boxes around each line for children ages 3 through 5 years of age.

### Wall Charts

**LEA SYMBOLS® Wall Chart**



**HOTV Wall Chart**



## Flip Charts

MDH recommends handheld flip charts for screening at 10-feet with 50% spaced rectangle with line sizes from 10/40 (20/80) to 10/8 (20/16) for children who have difficulty with wall charts.

### LEA SYMBOLS® MASS Vast Flip Chart



### HOTV MASS Vat Flip Chart



## For 6 Years and Older

MDH recommends the 10-foot Sloan Letters in LogMar sizes for testing at 10 feet for children ages 6 and older. The Snellen chart is no longer recommended.

### Sloan Letters Chart



## EQUIPMENT FOR VISUAL ACUITY SCREENING

The American Academy of Pediatrics recommends visual acuity screening at 10-feet for all children.

The appropriate screening distance is noted at the top of the vision chart.



### Age Appropriate Ocluders

Occlusion equipment temporarily obstructs vision in the eye not being screened during vision screening. It is never recommended at any age to use a hand to cover the eye. Kids peek. Peeking can be a factor for children who PASS when they can't see, known as a false negative. The ability of a child to peek is impressive, even with constant vigilance. The following are recommended by MDH:

#### Ages 3 Through 9

Occluder glasses can be purchased online or constructed using wraparound sunglasses with lens popped out and duct tape or large sticker covering the other lens making sure there are no gaps left open.



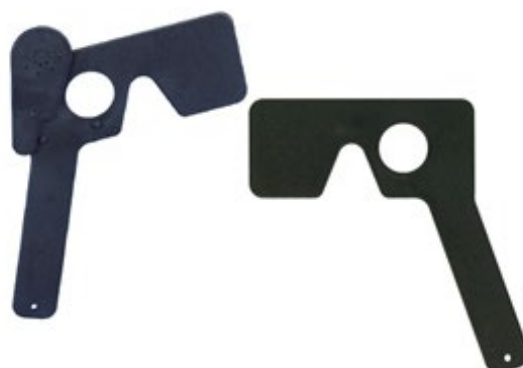
## EQUIPMENT FOR VISUAL ACUITY SCREENING

Adhesive temporary occlusion eye patches (pictured left) or 2-inch micro-pore tape (pictured right) can be used for children who will not wear occluder glasses or in cases where other forms of occlusion are not effective. These patches and tape may be purchased online or at medical supply stores.



### Ages 10 and Older

Plastic occluders with lips (pictured left) and spectacle occluders (pictured right) can be purchased online.



### Penlight

A medical grade penlight is recommended for the [Corneal Light Reflex \(state.mn.us\)](http://state.mn.us)

## Plus Lens (Near Vision Screening)

### Ages 5 and Older

+2.50 glasses, also known as reading glasses or cheaters are used for near vision screening of children ages 5 and older who have passed their distance visual acuity screening and do not already wear prescription lenses.

+2.50 glasses can be found inexpensively at most drug stores or dollar stores.



## Obtaining Recommended Vision Charts

The following are examples of companies that supply the recommended vision screening instruments. MDH does not endorse any particular vendor.

- [Good-Lite Company](http://www.good-lite.com)  
([www.good-lite.com](http://www.good-lite.com))
  - 1-800-362-3860
- [School Health Corporation](http://www.schoolhealth.com)  
([www.schoolhealth.com](http://www.schoolhealth.com))
  - 1-800-323-1305
- [MacGill Discount School Nurse Supply](http://www.macgill.com)  
([www.macgill.com](http://www.macgill.com))
  - 1-800-323-2841
- [School Nurse Supply, Inc.](http://www.schoolnursesupplyinc.com)  
([www.schoolnursesupplyinc.com](http://www.schoolnursesupplyinc.com))
  - 1-800-485-2737

\*Pictures used with permission from Good-Lite.

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

04/2022

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