



# Jackson County Health Department

*Creating Healthy Communities*



michigan

**HEARING & VISION**

screening programs

**2022-2023 SCHOOL YEAR**





Jackson County Health Department is committed to best practices for conducting hearing and vision screening, which necessitates in-person contact between the screener and the child. As always, our consideration of staff and student safety, stand at the fore front. Hearing and Vision screenings may look different, so we can accommodate each school appropriately. Since many schools have different options we will review availability of space and resources as we schedule schools for the 2022-2023 school year.

# Checklist for Hearing and Vision Program

## THE TECHNICIAN WILL NEED:

- ▶ A room that is quiet and can seat at least eight students with tables and chairs.
- ▶ A room that has 15 feet of floor space for preschool vision and tables and chairs.
- ▶ Access to an electrical outlet for both hearing and school age vision screening.
- ▶ A map of the school, class schedules, and recess/lunch times.
- ▶ To know if any classes are out of the building or have events to be aware of.
- ▶ Class lists which include students legal name and students date of birth.
- ▶ Class lists for vision screening (grades Pre-K, 1<sup>st</sup>, 3<sup>rd</sup>, 5<sup>th</sup>, 7<sup>th</sup> and 9<sup>th</sup>).
- ▶ Class lists for hearing screening (grades Pre-K, Kindergarten, 2<sup>nd</sup>, and 4<sup>th</sup>)
- ▶ To know if any students are hearing impaired or wear any hearing devices.
- ▶ To know if any of your students has a shunt or any other medical devices that contain magnets. We should not screen students with these devices.

## THE PARENT/GUARDIAN IS GIVEN:

- ▶ Notification of screening dates.
- ▶ Notification students should wear glasses/hearing aids on testing dates.
- ▶ Parents are given the opportunity to provide documentation of a recent screening or documentation of opting out.

## THE TEACHER IS:

- ▶ Given the screening dates prior to technicians arrival.
- ▶ Aware that they can request additional screening (hearing/vision), if that is not what is normally screened for the grade.
- ▶ Aware that hearing and vision screenings will occur anytime during the scheduled school day.

## Who receives screenings

Hearing	Vision
Pre-K	Pre-K
Kindergarten	1 <sup>st</sup>
2 <sup>nd</sup>	3 <sup>rd</sup>
4 <sup>th</sup>	5 <sup>th</sup>
	7 <sup>th</sup>
	9 <sup>th</sup>

# PUBLIC HEALTH CODE

## HEARING AND VISION PROGRAM

Document	Type	Description
<a href="#">Section 333.9301</a>	Section	Free Hearing and vision testing and screening programs; publicity.
<a href="#">Section 333.9302</a>	Section	Duty of parent, guardian, or person in loco parentis; time and frequency of testing and screening.
<a href="#">Section 333.9303</a>	Section	Program to assist local health departments; establishment and administration.
<a href="#">Section 333.9305</a>	Section	Follow-up treatment; statement; information.
<a href="#">Section 333.9307</a>	Section	Registration of child for kindergarten or first grade; certificate of hearing and vision testing or screening or statement of exemption required; summary of hearing or vision reports; forms; records.
<a href="#">Section 333.9309</a>	Section	Individual testing and screening to determine hearing efficiency.
<a href="#">Section 333.9311</a>	Section	Exemption.
<a href="#">Section 333.9315</a>	Section	Advisory committee; appointment of members; duties; cooperation of department.
<a href="#">Section 333.9321</a>	Section	Rules.
<a href="#">Section 333.9329</a>	Section	Violation as misdemeanor.

**PUBLIC  
HEALTH  
CODE  
(EXCERPT)  
Act 368 of  
1978  
Part 93  
HEARING  
AND  
VISION**

# FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

[GET THE LATEST INFORMATION ON FERPA AT \[HTTPS://STUDENTPRIVACY.ED.GOV/\]\(https://studentprivacy.ed.gov/\)](https://studentprivacy.ed.gov/)

## FREQUENTLY ASKED QUESTIONS

FERPA FOR [PARENTS AND STUDENTS](#), [K-12 SCHOOL OFFICIALS](#) AND [POSTSECONDARY SCHOOL OFFICIALS](#)

## PROTECTION OF PUPIL RIGHTS AMENMENT (PPRA)

## GUIDANCE AND NOTICES

NOTICES SCHOOLS MAY DISCLOSE, WITHOUT CONSENT, "DIRECTORY" INFORMATION SUCH AS A STUDENT'S NAME, ADDRESS, TELEPHONE NUMBER, DATE AND PLACE OF BIRTH, HONORS AND AWARDS, AND DATES OF ATTENDANCE. HOWEVER, SCHOOLS MUST TELL PARENTS AND ELIGIBLE STUDENTS ABOUT DIRECTORY INFORMATION AND ALLOW PARENTS AND ELIGIBLE STUDENTS A REASONABLE AMOUNT OF TIME TO REQUEST THAT THE SCHOOL NOT DISCLOSE DIRECTORY INFORMATION ABOUT THEM. SCHOOLS MUST NOTIFY PARENTS AND ELIGIBLE STUDENTS ANNUALLY OF THEIR RIGHTS UNDER FERPA. THE ACTUAL MEANS OF NOTIFICATION (SPECIAL LETTER, INCLUSION IN A PTA BULLETIN, STUDENT HANDBOOK, OR NEWSPAPER ARTICLE) IS LEFT TO THE DISCRETION OF EACH SCHOOL.

# Hearing and Vision Staff and Contact Information

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## **Program Contact Information**

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Email: [HearingandVision@mijackson.org](mailto:HearingandVision@mijackson.org)

## **WEBSITES**

### **County**

<https://www.mijackson.org/467/Hearing-Vision-Screening-Program>

### **State**

<https://www.michigan.gov/mdhhs/adult-child-serv/childrenfamilies/familyhealth/hearing-laughter-seeing-smiles->





## Hearing Screening

Michigan schools work collaboratively with the Michigan Department of Health and Human Services (MDHHS). And the Local Health Departments (LHD) to allow Hearing Screening Program technicians to perform screenings in all public, private, and charter schools as well as formal preschool programs.

# NOTICE REGARDING CHILDREN WITH DIGITALLY PROGRAMMABLE SHUNTS & OTHER MEDICAL DEVICES THAT CONTAIN MAGNETS

- ▶ Screenings are performed with portable audiometers and the audiometer headphones have magnets with large field gradients. The headphones have been tested in a professional medical laboratory by Codman, a Johnson and Johnson Company. The results of the tests indicate that children with digitally programmable shunts or other implanted medical devices (pacemakers, Vagus Nerve Stimulators for preventing seizures, Baclofen Pumps for spinal cord injuries, etc.) may be at risk for unintended changes in the device settings because of the magnetic strength.
- ▶ In order to best protect children, it is imperative that the technicians are informed which children have digitally programmable shunts or implanted medical devices so that hearing screening services are not provided. Parents of children with implanted medical devices who are interested in hearing screening should contact their physician for a referral to an audiologist.



# HEARING SCREENING

The Michigan Hearing Screening Program is a three-stage process designed to identify children with hearing loss and/or middle ear dysfunction. Most of the children screened are between 3 and 12 years of age. Over 475,000 children are screened each year in the following way:

- ▶ •STAGE I: Using a pure tone audiometer, a preliminary screening is performed at the frequencies of 1000, 2000 and 4000 Hertz (Hz) at the intensity levels of 20, 20 and 25 decibels hearing level (DBHL) respectively, in each ear.
- ▶ •STAGE II: Children referred from Stage I receive a more detailed screening approximately 4 weeks after the initial referral is made. This screening requires the child to respond to 250, 500, 1000, 2000, 4000 and 8000 Hz at the levels of 30, 25, 20, 15, 25 and 40dBHL respectively, in each ear. A child responding appropriately to all of the test tones is considered to be no longer at-risk for hearing loss. If the child fails to respond to just one stimulus presentation, an audiogram (threshold test) is immediately conducted for the octave frequencies 250 through 8000 Hz in each ear. Unmasked bone conduction thresholds are also obtained at 250, 500, 1000, 2000 and 4000 Hz.
- ▶ •STAGE III: This is the medical referral and final stage of the screening process



## Vision Screening

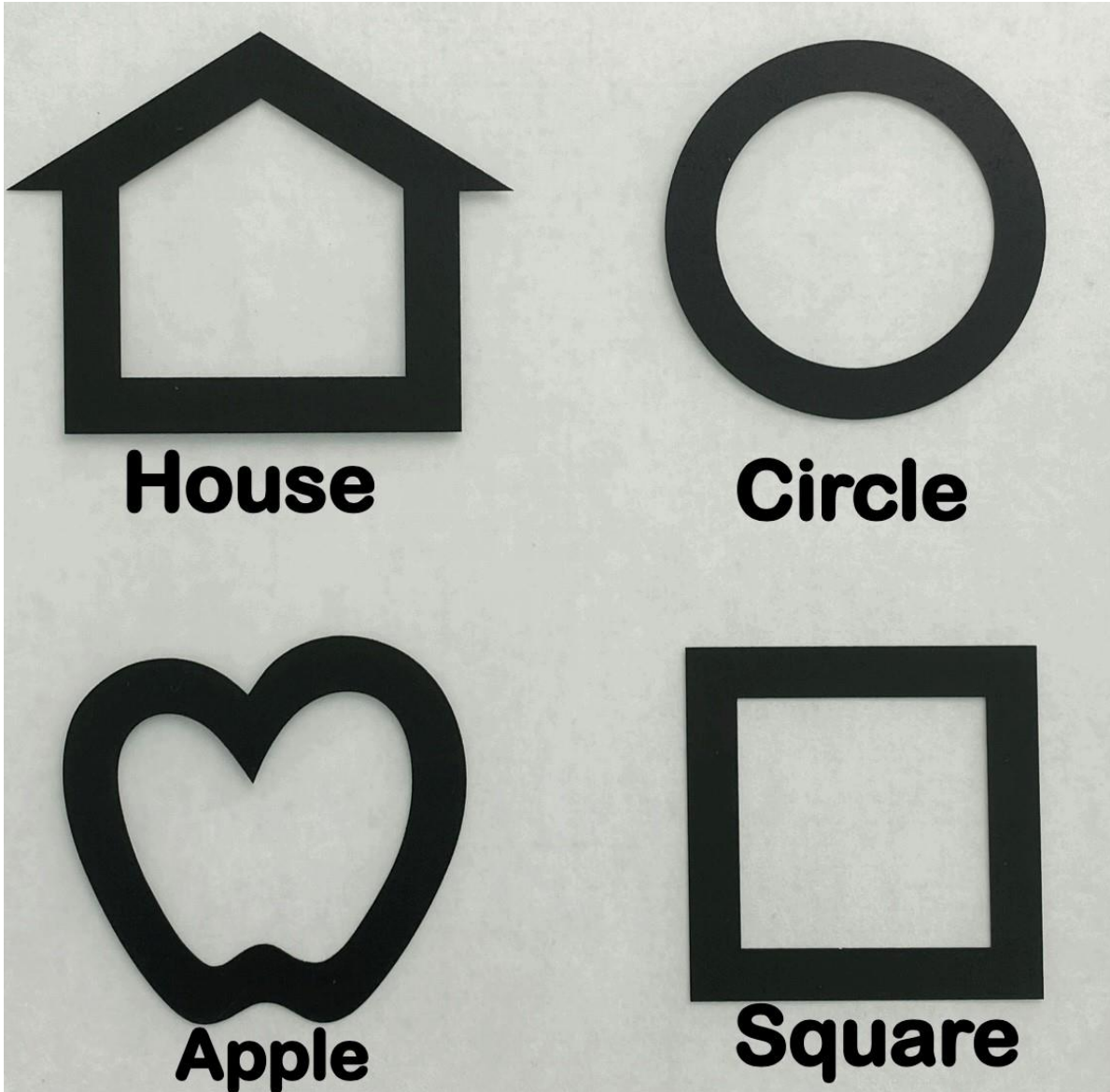
- ▶ Local Health Departments, in cooperation with the Michigan Department of Health and Human Services (MDHHS), conduct vision screening programs for pre-school (ages 3-5) and school-age children at regular intervals (grades 1, 3, 5, 7, 9). The screening battery is administered by vision technicians who have been trained by MDHHS following the Public Health Code and the Minimum Program Requirements for vision screenings.
- ▶ The screening battery is in no way meant to be diagnostic. A failure of one or more tests in a screening or an observable symptom results in a referral and may or may not be indicative of an eye problem requiring treatment. Since September 1, 2000, all county health department vision technicians have included the two-line difference test with both the pre-school and school age vision screening batteries. Referral is based upon the failure of one or more tests in the screening battery.

# VISION SCREENING PRE-SCHOOL (AGES 3-5) AND KINDERGARTEN CHILDREN

## REFERRAL CRITERIA:

- ▶ VISUAL ACUITY TEST (with LEA Symbols Cards) -inability to correctly read at least 4 of 6 LEA symbols at 20/40 with both the R and L eyes
- ▶ TWO-LINE DIFFERENCE TEST -inability to correctly read at least 4 out of 6 LEA symbols at 20/25 with only one eye after having read correctly 4, 5 or 6 LEA symbols at 20/40 with both the right and left eyes
- ▶ STEREO BUTTERFLY (near) -inability to correctly identify the butterfly with the use of polaroid lenses

# Lea Symbols



# VISION SCREENING SCHOOL AGE CHILDREN (GRADES 1-9) (USING APPROVED TITMUS SCREENING METHOD)

## REFERRAL CRITERIA:

- ▶ PHORIA TEST Far Point (20 feet) Hyperphoria 1.5 prism diopters Esophoria 6 prism diopters Exophoria 4 prism diopters
- ▶ VISUAL ACUITY TEST-inability to correctly read at least 4 of 6 Snellen E symbols at 20/30 with both the R and L eyes
- ▶ TWO-LINE DIFFERENCE TEST-inability to correctly read at least 4 of 6 Snellen E symbols at 20/20 with only one eye after having correctly read 4,5 or 6 of the Snellen symbols at 20/30 with both eyes
- ▶ PLUS LENS TEST -ability to correctly read at least 4 of 6 Snellen E symbols at 20/20 with either eye while using a +1.75D plus sphere lens