

## EI Evaluation: Vision Screening Quick Start Guide

### I. Introduction

EI Evaluation Vision Screening serves two objectives. First, to help EI Evaluation teams determine if there are vision problems that may affect the developmental assessment process and results. Second, to identify children with vision concerns who may require follow-up with pediatric eye doctors, specifically pediatric ophthalmologists or pediatric optometrists.

Click [HERE](#) for a list of pediatric eye care professionals in Colorado.

To use these vision screening materials, each member of the EI Evaluation team is to complete the required vision screening training modules provided by **A Shared Vision** before conducting vision screening. See below.

Best practices - email the Vision Screening Parent Questionnaire to a child's family prior to their EI Evaluation meeting. Receive and score the completed Parent Questionnaire prior to the meeting. If a child has a known or suspected visual impairment, the EI Evaluation team should include an Early Intervention Teacher of the Visually Impaired.

### II. Vision Screening Protocol

The Vision Screening protocol includes:

- Gathering information about the child's family and medical histories
- Assessing the child's eyes and eyelids
- Objective testing of their eyes
- Review of their visual behaviors
- Discuss caregiver's concerns

Vision screening begins at birth, with specific components introduced over time.

While the **Parent Questionnaire**, completed by caregivers prior to their EI Evaluation, and **in-person** meetings for the assessment are preferred, telehealth and phone calls are also viable.

Screening Component	Category	Min Age	Phone	Questionnaire	Telehealth	In Person
Family vision history	History	Birth	XX	XX	XX	XX
Child's medical history	History	Birth	XX	XX	XX	XX
Caregiver concerns	Concerns	Birth	XX	XX	XX	XX
Appearance of eyes/eyelids	Appearance	Birth		XX	XX	XX
Behaviors	Behaviors	1 mo.		XX	XX	XX
Fixation	Objective	3 mos.				XX
Visual tracking	Objective	3 mos.				XX
Pupillary reflex	Objective	6 mos.				XX
Corneal light reflection	Objective	12 mos.				XX

### III. Vision Screening Training

To use these vision screening materials, each member of the EI Evaluation teams must complete three vision screening training modules provided by **A Shared Vision**.

Training includes:

1. Vision Screening Parent Questionnaire 2022. Either a refresher for anyone who successfully completed the 2020-2021 training (45 minutes), **OR** the full Parent Questionnaire training for anyone who did not successfully complete the prior training (90 minutes, virtual).
2. Vision Screening Objective Testing (45 minutes, in person)
3. Vision Screening & Developmental Assessment Using DAYC-2 or IDA-2 (60 minutes, virtual)

Total time: 120 to 180 minutes

### IV. Vision Screening Documents

Several downloadable PDF documents support all aspects of the vision screening protocol. Refer to the scenarios below to determine which documents to use based on whether the assessment meeting with the child and family will be in person or via telehealth.

Click [HERE](#) to access the documents.

## V. Vision Screening Scenarios

Each scenario includes a list of the PDFs to download and use during the assessment meeting. Scenarios also describe the steps to conduct the vision screening, including documenting next steps for the caregivers. The order of the steps is dependent upon the modality of the assessment meeting. Specifically, objective testing should be completed during in-person meetings. However, if the meeting is conducted via telehealth, objective testing should be completed at a later date when an in-person meeting is possible.

	In Person	Telehealth
Caregivers completed Parent Questionnaire	Scenario #1	Scenario #3
Caregivers did NOT complete Parent Questionnaire	Scenario #2	Scenario #4

### **Scenario #1**

Vision screening to be conducted in person and caregiver returned a completed Parent Questionnaire.

Documents Required	Steps to Conduct Vision Screening
<ul style="list-style-type: none"> <li>Vision Screening Parent Questionnaire Scoring &amp; Referral</li> <li>Objective Testing</li> </ul>	<ol style="list-style-type: none"> <li>Review Family History and Child's Medical History on Parent Questionnaire.</li> <li>Conduct Objective Testing.</li> <li>Confirm Appearance of Eyes and Eyelids on Parent Questionnaire.</li> <li>Score vision screening results ("no concerns" and "concerns identified"), determine referral requirements, if any, and complete Next Steps.</li> <li>Confirm Behaviors on Parent Questionnaire during evaluation using DAYC-2 or IDA-2.</li> </ol>

**Scenario #2**

Vision screening to be conducted in person and caregivers did NOT complete a Parent Questionnaire.

<b>Documents Required</b>	<b>Steps to Conduct Vision Screening</b>
<ul style="list-style-type: none"> <li>• Vision Screening Interview Packet for EI Evaluators</li> <li>• Objective Testing</li> </ul>	<ol style="list-style-type: none"> <li>1. Interview caregiver to get Family History and Child's Medical History.</li> <li>2. Conduct Objective Testing.</li> <li>3. Observe Appearance of Eyes and Eyelids.</li> <li>4. Score vision screening results ("no concerns" and "concerns identified"), determine referral requirements, if any, and complete Next Steps.</li> <li>5. Conduct evaluation using DAYC-2 or IDA-2 and supplemental questions to get Behavior information.</li> </ol>

**Scenario #3**

Vision screening to be conducted via telehealth and caregiver returned a completed Parent Questionnaire. (Objective testing to be completed in person at a future date after the EI Evaluation.)

<b>Documents Required</b>	<b>Steps to Conduct Vision Screening</b>
<ul style="list-style-type: none"> <li>• Vision Screening Parent Questionnaire Scoring &amp; Referral</li> </ul>	<ol style="list-style-type: none"> <li>1. Review Family History and Child's Medical History on Parent Questionnaire.</li> <li>2. Review Appearance of Eyes and Eyelids on Parent Questionnaire. Confirm via video, if possible.</li> <li>3. Confirm Behaviors on Parent Questionnaire during evaluation using DAYC-2 or IDA-2.</li> <li>4. Score vision screening results ("no concerns" and "concerns identified"), determine referral requirements, if any, and complete Next Steps.</li> <li>5. Conduct Objective Testing when able to meet in person. If in person not available as part of EI Evaluation, test with EI-TVI or trained EI provider at Initial IFSP, IFSP Annual Review.</li> </ol>

**Scenario #4**

Vision screening to be conducted via telehealth and caregivers did NOT complete Parent Questionnaire. (Objective testing to be completed in person at a future date after the EI Evaluation.)

Documents Required	Steps to Conduct Vision Screening
<ul style="list-style-type: none"> <li data-bbox="212 457 609 527">• Vision Screening Interview Packet for EI Evaluators</li> </ul>	<ol style="list-style-type: none"> <li data-bbox="667 457 1386 527">1. Interview caregiver to get Family History and Child's Medical History</li> <li data-bbox="667 537 1365 606">2. Interview caregiver to get Appearance of Eyes and Eyelids information. Confirm via video, if possible</li> <li data-bbox="667 617 1377 686">3. Conduct evaluation using DAYC-2 or IDA-2 and supplemental questions to get Behavior information</li> <li data-bbox="667 697 1356 806">4. Score vision screening results ("no concerns" and "concerns identified"), determine referral requirements, if any, and complete Next Steps</li> <li data-bbox="667 816 1382 968">5. Conduct Objective Testing when able to meet in person. If in person not available as part of EI Evaluation, test with EI-TVI or trained EI provider at Initial IFSP, IFSP Annual Review</li> </ol>