

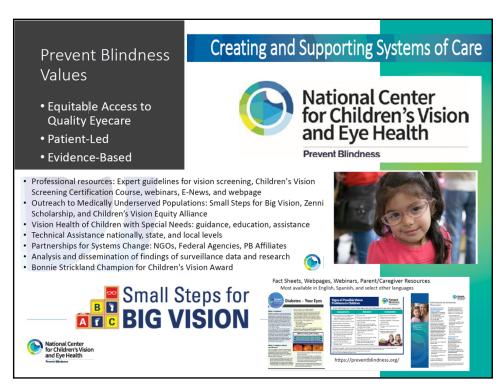
Closing the Gap: Helping Families Remove Barriers to Eye Care After Receiving Referrals from Vision Screening

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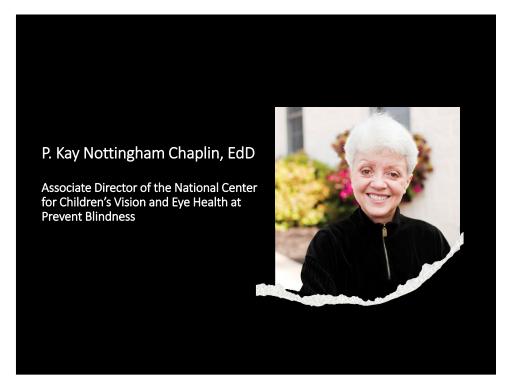


Prevent Blindness

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Academic Considerations for Vision

- Improved GPA (reading and math) more likely for hyperopes than myopes
- Increased satisfaction with school
- Reduced stress
- Improved cognition, attention span, and focus
- Improved test scores
- Less task avoidance and need for discipline
- Less labeling- ADD or ADHD
- Earlier identification leads to improved outcomes

Academic Performance of Oyler School Students after Receiving Spectacle Correction. Thesis by Kimberly L. Renner; Graduate Program in Vision Science; The Ohio State University, 2017.
Healthire Students Are Better Learners: A Missing Link in School Reforms to Close the Achievement Gap. Basch, CE. EQUITY MATTERS: Research Review No. 6 Columbia University; March
2010. https://dexadese.org/university/Links/Brite/Brite/Students/

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Advantages: Vision Screening + Eye Exam + Glasses

2015 study of low-income children ages 3 through 5 years screened in 23 schools in South Carolina's Charleston County School District – after diagnosis and treatment with prescription glasses – found:

- Improvement in academic progress.
- Increase in focus during lessons.
- Increase in participation and classroom interaction.
- Improvement in confidence and behavior.

Peterseim, M. M., Papa, C. E., Parades, C., Davidson, J., Sturges, A., Oslin, C., Merritt, I., & Morrison, M. (2015). Combining automated vision screening with on-site examinations in 23 schools: ReFocus on Children Program 2012 to 2013. *Journal of pediatric ophthalmology and strabismus*, 52(1), 20–24. https://doi.org/10.3928/01913913-20141124-01

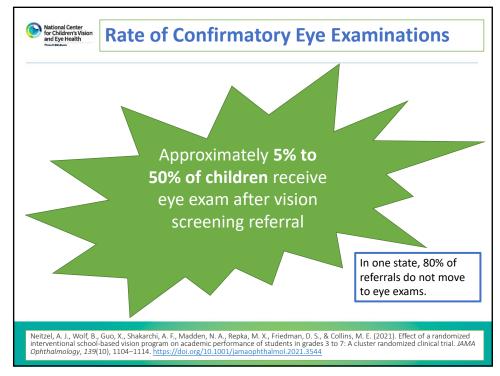


Why Resolve Barriers to Eye Exams?

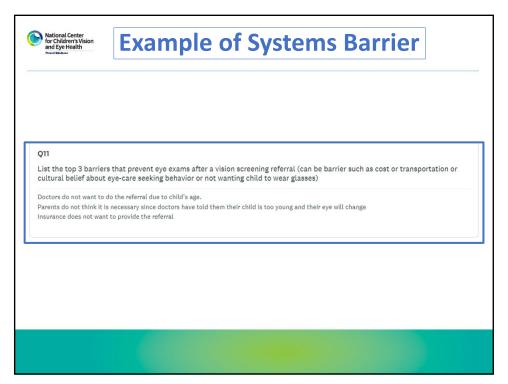
- A referral from vision screening without a follow-up, confirmatory eye examination, treatment and/or monitoring, and ongoing vision care is not a complete vision screening.
- Undetected and untreated vision disorders, if not treated early, preferably before age 7 years, may be difficult to treat, lead to worsening and permanent vision loss, and impact learning.
- One letter or one phone call may not be enough to ensure eye examination occurs.



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Fort Worth ISD Background Information

Fort Worth Independent School District (**FWISD**) serves about 70,000 students. Elementary enrollment is 34,400, Middle School enrollment is 13,700, and high school enrollment is 22,500. We enjoy a diverse population, serving students from 118 countries with 58 different languages.

2021-2022 Enrollment by Ethnicity

 1. Hispanic/Latino:
 48,534 (64.84%)

 2. Black/African American:
 15,502 (20.71%)

 3. White:
 8,162 (10.90%)

 4. Asian:
 1,198 (1.60%)

Two or more races: 1,329 (1.78%)
 American Indian/Alaskan: 82 (0.11%)

7. Hawaiian/Pacific Islander: 43 (0.06%)

Top six languages

- 1) English 38,529
- 2) Spanish 31,484
- 3) Swahili 472
- 4) Pashto (Pushto) 275
- 5) Arabic 265
- 6) Farsi (Persian) 244



Vision Screening Requirements

State of Texas, Health and Human Services Requirements

Acuity Screenings

In the first 120 days of admission: school must screen 4-year-olds, kindergartners, any first-time entrants (through 12th grade)

Anytime in the calendar year, preferrable in the first semester: schools screen only 1st, 3rd, 5th, 7th grades

Screening Requirements

Screening information must be collected on each child using a facility-created screening form or the state-provided form. A screening record must be on file for each enrolled child, and the record must be submitted to the DOS by June 30 of each year.



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Alcon Children's Vision Center

Alcon Children's Vision Center

(ACVC) and Fort Worth ISD formed a Partnership to provide comprehensive vision care services to students.

Mission: Helping Kids Learn by Helping Kids See

Recognize the importance of good vision and eye health for academic success – aim to provide eligible students with access to comprehensive eye exams and high-quality eyewear, all at no cost.





Alcon Children's Vision Center

The Alcon Children's Vision

Center, a nonprofit school-based eye care clinic that provides vision care services, comprehensive eye exams, and high-quality eyewear for eligible students in connection with the vision acuity screening results. Funding is provided by the Alcon Foundation





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Alcon Children's Vision Center

The partnership's primary focus is elementary grade students, but serves the eye care needs of Fort Worth ISD students in Pre-K through 12th grade.

Services Include

- Acuity Screenings
- Comprehensive Eye Exams
- Prescription Glasses (Replacement)
- Continuation of Care and Education





Alcon Children's Vision Center

ACVC is dedicated to Fort Worth ISD students.

Provide comprehensive eye exams and high-quality eyewear to eligible students.

- Travel to elementary schools across FWISD for on-site services.
- Group event schools with transportation provided.



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FWISD Children's Vision Program

	Grades PK-5				
Program Services	2020-2021 Summary	2021-2022 Summary	2022-2023 Summary	2023-2024 Summary	2024-2025 Projections
Vision Screened Students	20,141	35,784	35,076	34,616	33,850
Vision Referrals	3,077	7,022	7,571	6,763	6,711
% Referral	15%	20%	22%	20%	20%
Comprehensive Eye Exams	2,077	3,291	3,299	3,862	4,462
% Students served	68%	47%	44%	57%	64%



Working together is essential to the success of our students!

- The program had a 57% success rate and we are working to increase the rate
- How are we increasing the parental consent rate?
 - Hybrid model Electronic & Paper
 - Nurse vacancy impacts parent consent rate
- Why parents do not consent?

 - Educating parents is CRITICAL
 Build personal relationship with parents Personal phone call
 - · School Administrators & Staff ambassadors of children's vision



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Color-Coded Programs

Benefits:

- Results are easily detected and visible
- Every document in your hearing and vision program are designated a color
- Organized transparency for staff and administration at your specific facility
- Reduced occurrence of cross-filing with other important documents

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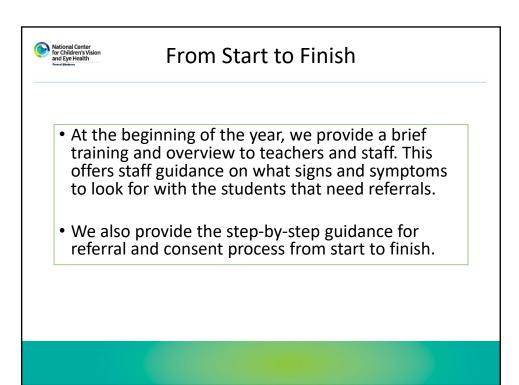


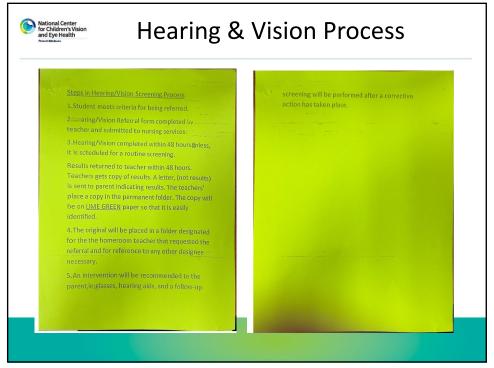
Bridging the Gap with Communication & Education

"Teamwork is the ability to work together toward a common vision."- Andrew Carnegie

As the District Nurse Coordinator, I make every effort to educate my colleagues and peers in ways to connect, by bridging the gap and decreasing the barriers to vision and optimal eye health.

How? Simply, Education. Reassurance. Resourceful.







Consent Letter to Parent

Wilkinson County School System

Consent for Vision/Hearing Screening

Dear Parent(s) of:

- As a part of reevaluation process, we will conduct a hearing and vision screening. The
 purpose is to determine whether these are causing or contributing to your child's
 difficulties in class. Please complete the information below so that we may proceed
 with this screening.
- We appreciate your support of our efforts. If you have any questions, please contact your child's teacher at (Your Facility's Phone Number)

Yes, I agree for the Wilkinson County School System to conduct a hearing and vision screening for my child.

No, I do not agree for the Wilkinson County School System to conduct a hearing and vision on my child. Please contact me for more information.

Parent/Guardian Signature:______

Date:

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RESULTS: Where Do We Go From Here?

After a student is screened, a copy of the results:

- 1. Mailed to the Parent by the Nurse
- A copy of the results and letter mailed is forwarded to the teacher.
- 3. Three copies are placed in a backup file.

The original letter goes home with the <u>STUDENT.</u>

GREEN RESULTS & COPY OF LETTER: Belong to the

TEACHERS.

Results on GREEN PAPER goes to RTI folder.

Thanks, Nursing

Teachers,



Passed the Screening

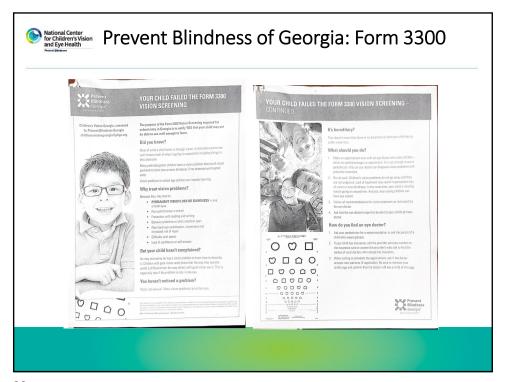
- 1. A copy of the results on LIME GREEN paper are forwarded to the teachers, as well as a copy of the results are sent to the parent.
 - **This step notifies the teacher that the nurse has initiated the initial communication.
- 2. A letter is mailed to the parents to notify them of passed results.
- 3. Results are entered into the student's medical record database. (For example: Powerschool, Infinite Campus, Gradelink, and etc.)

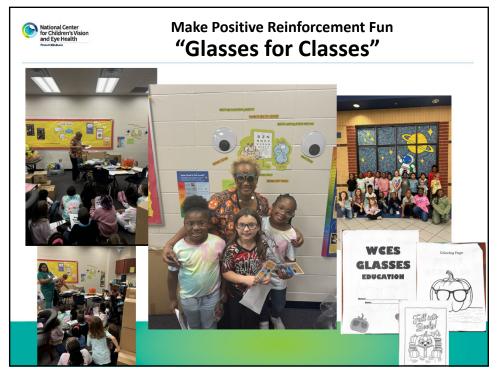
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Did Not Pass the Screening

- 1. A copy of the results on **LIME GREEN** paper are forwarded to the teachers, as well as a copy of the results are sent to the parent.
 - **This step notifies the teacher that the nurse has initiated the initial communication.
- 2. A letter is mailed to the parents to notify them their child did not pass screening, as well as the education from Prevent Blindness of Georgia.
- 3. Results are entered into the student's medical record database. (For example: Powerschool, Infinite Campus, Gradelink, and etc.)
- 4. Student is added to a list for follow-up. In approximately 2 weeks, nurse will follow-up with teacher to see if plan for intervention is in place.
- 5. Nurse will reach out to educate parents as needed on the understanding of the need for follow-up. If the parents' response is delayed, prolonged, or ignored, social services are contacted to reach out to parents to assist.
 - **Examples of assistance: Defining the barriers to eye health such as transportation, funding, OR helping to reinforce the education from the teachers/nurse perspective or recommendation.
- The nurse ensures that the student has received intervention before documenting <u>as</u> <u>completed</u>. Once the student receives the intervention, every vision screening completed thereafter is with glasses on.





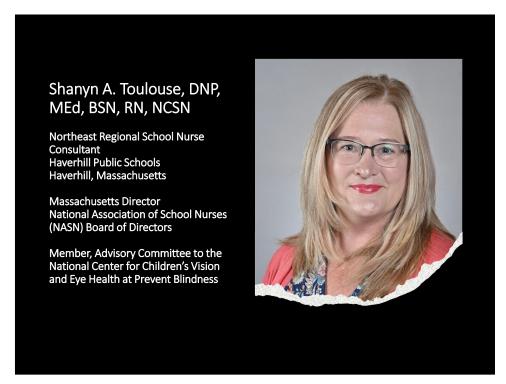


Credits

I want to give a special thanks to my coworker, Nurse Riddle, for her support and assistance with the creation of this presentation.

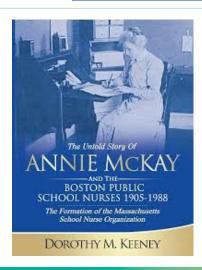
"Our Vision Is Vision"

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Brief Historical Perspective: 1905



"The single issue that absorbed most of her time was children with poor eyesight...sadly only one of the sixtysix parents followed through and brought their child for the examination. Since they were all willing for their children to have the exam, she took all of them to the Dispensary, going in groups of five or six."

Keeney, D. M. (2020). The Untold Story of ANNIE MCKAY and The Boston Public School Nurses 1905-1988.

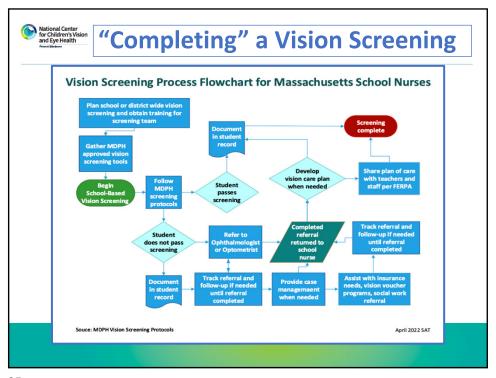
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National Association of School Nurses (NASN) School Nursing Practice Framework $^{\text{TM}}$ Supporting Students to be Healthy, Safe and Ready to Learn

Multiple elements of this framework intersect to provide guidance that is relevant to our work with students, families, and community providers as it relates to conducting vision screening programs.

National Association of School Nurses. (2024). A contemporary Framework update for today's school nursing landscape: Introducing the School Nursing Practice FrameworkTM. NASN School Nurse, *O*(0). doi:10.1177/1942602X241241092

*Used with permission.







Closing the Gaps for Families

This work can only be done if:

- As care providers, we understand our communities and have knowledge of the resources that are available to the families we serve
- We understand that "equal" is not "equitable"
- Your organization has a standardized process and tools for conducting effective vision screening programs that get kids to care

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Small Steps to Eye Care Action Plan: A Conversation Guide



INSTRUCTIONS FOR USING THE "SMALL STEPS TO EYE CARE ACTION PLAN: A CONVERSATION GUIDE"

- Structural and social determinants can often create barriers for parents/caregivers when it comes to scheduling and taking their children to a confirmatory eye exam and follow-up eye care after receiving a vision screening referral.¹
- We created the Small Steps to Eye Care Action Plan: A Conversation Guide to help resolve individualized barriers to follow-up eye care after a family receives a vision screening referral. You can determine when it is best to use this Action Plan (e.g., after the 3rd contact and the child has yet to see an eye doctor).
- The goal of this conversation guide is to create a plan together with the parent/caregiver or family medical decision, maker to resolve harriers to scheduling and attending an eye eyam
- The questions on pages 3 and 4 of this Action Plan will help guide a conversation about addressing individualized barriers the parent/caregiver or family medical decision-maker identifices.
- This conversation guide and Small Steps to Eye Care Action Plan development can be conducted in person or over the telephone. Another option is offering the family pages 3 and 4 to complete before meeting or talking with you.
- Read the "Conservation Instructions" on page 2 before beginning a discussion with the parent/caregiver for family decision-maker.
- After you have read and understood the instructions and are ready for the conversation, begin by asking the parent's/caregiver's or family medical decision-maker's permission to discuss the vision screening referral they recently received.
- Once you have permission, ask the parent/caregiver or family medical decision-maker if they
 have any questions about the referral or what needs to happen next. If no questions or
 concerns are immediately identified by the caregiver, continue with the Action Plan's
 conversation questions on pages 3 and 4.

Vizion for Tomorrow, highlights the need for a follow-up care system to help reduce vision impairment.

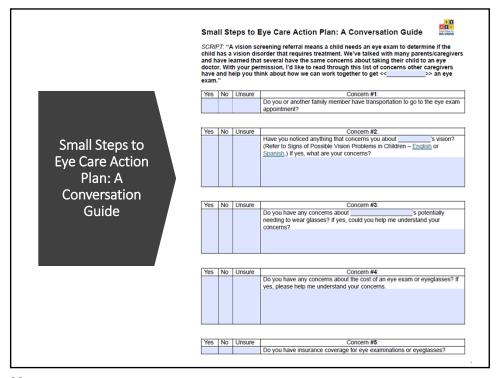
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Small Steps to Eye Care

Action Plan: A Conversation

Guide

⁵ The World Health Organization's (WHO) 2023 Vision and eye coreening implementation handbook emphasizes the necessity of oreating and maintaining a referral follow-up system to help close the gap between vision screening referrals, eye examinations, and treatment.



	Small Steps to Eye Care Action Plan: A Co		
	Small Steps to Eye Care Action Plan		
	Concern #:		
Small Steps	Action Step and who is responsible:	Due Date: Completed Date:	
to Eye Care Action Plan:	Notes:		
	Concern #:		
A Conversation Guide	Action Step and who is responsible:	Due Date: Completed Date:	
Guide	Notes:		
	Action Step and who is responsible:	Due Date: Completed Date:	
	Notes:		



Create or Improve your "system"

- This work will be unique to YOUR community
- Conduct a "gap analysis" or community needs assessment and find resources first
- It won't happen quickly
- "You must never look down on anyone. Never give up on them!"

Mary White, Community Health Worker Boston, MA

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Finding the "Why"

- The World Health Organization's (WHO) 2023 Vision and eye screening implementation handbook emphasizes the necessity of creating and maintaining a referral follow-up system to help close the gap between vision screening referrals, eye examinations, and treatment. https://www.who.int/publications/i/item/9789240082458
- The National Academies of Sciences, Engineering, and Medicine's 2016 report, Making Eye Health a Population Health Imperative: Vision for Tomorrow, highlights the need for a follow-up care system to help reduce vision impairment. https://www.ncbi.nlm.nih.gov/books/NBK385157/
- The WHO says it is crucial to understand and address the reasons why the eye examination and/or treatment is not occurring.

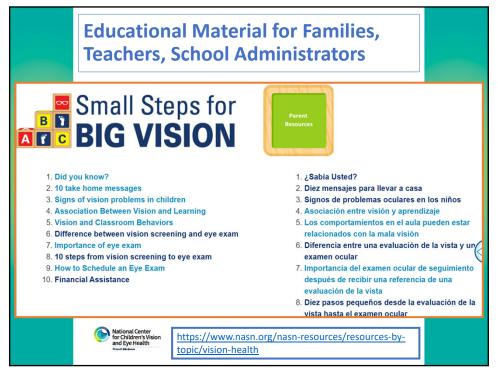
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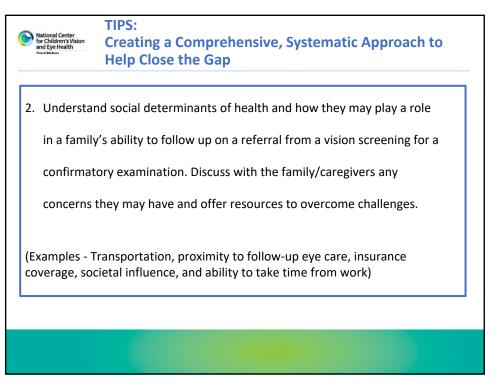


TIPS:

Creating a Comprehensive, Systematic Approach to Help Close the Gap

- Educate parents, family members, the families' medical decision-maker in a multigenerational home, teachers, and school administrators on the importance of early detection and treatment of children referred from vision screenings.
 - a. Offer educational materials in a preferred language, when possible, and method (e.g., paper, email, or text).
 - b. Education topics should include:
 - i. Signs of potential vision disorders,
 - ii. Importance of good vision,
 - iii. Importance of comprehensive eye examinations after vision screening referrals, and
 - iv. Impact of uncorrected vision disorders on academic performance.







TIPS:

Creating a Comprehensive, Systematic Approach to Help Close the Gap

 Create and maintain a systematic referral follow-up system for vision screening (e.g., electronic or manual spreadsheet to track children referred and contact dates with the family).

The purpose of using a systematic method is to identify and help to resolve individualized family barriers preventing the eye examination and treatment, if necessary, from occurring.

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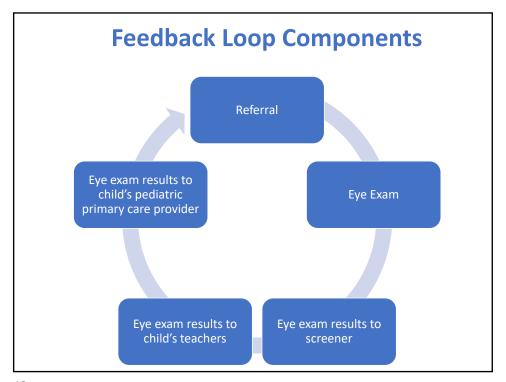
TIPS:

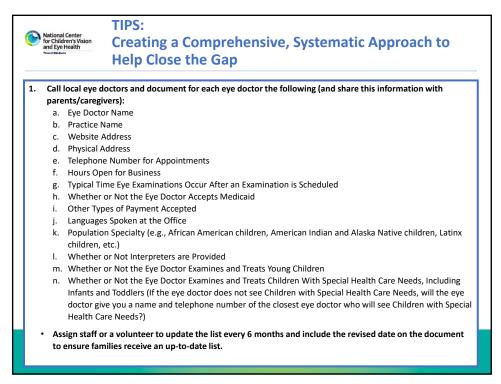
Creating a Comprehensive, Systematic Approach to Help Close the Gap

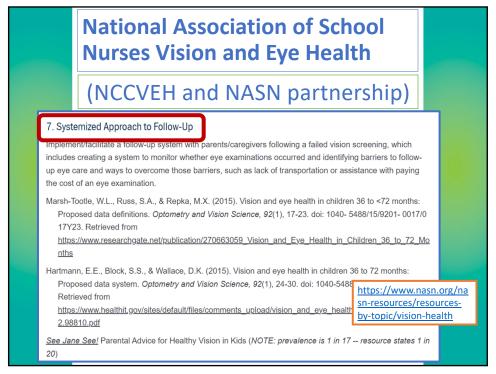
4. Create and implement a data collection system to close the feedback loop between the referral for the eye examination, receiving examination results, and sharing eye exam results with appropriate personnel.

The data collection system helps identify program strengths, weaknesses, and areas for improvement.

(For example - More than 50% of your referred children do not receive comprehensive eye exams after vision screening referrals – what can you do?)











Call to Action to Help Close the Gap

- Meet families where they are and do not call parents/caregivers noncompliant.
- Dig deeper for the "why" a confirmatory eye examination is not occurring.
- Share resources with families about the importance of good vision and scheduling and attending a follow-up eye examination when their children do not pass vision screening.
- Work with families to create individualized Action Plans to help ensure the eye examination and treatment/monitoring occurs.

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