



Able Young Readers,
Healthy Growing Bodies:
Connecting Early Literacy to Health

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Reading Bright Start! **EXTENDING OUR** REACH COMMUNITIES PARENTS DOLICE MAKERS HEALTH PROFESSIONALS PRE-K AND K EDUCATORS CAREEDUCATORS

LITERACY IS THE SINGLE,
STRONGEST PREDICTOR OF ADULT HEALTH.



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SUCCESS IN READING IS ESSENTIAL TO A CHILD'S WELL BEING



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This is a major health issue

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This is a major health issue

 Results in the disruption of academic, cognitive, behavioral, social and emotional development





Identify the impact that reading ability has on the health of children, adolescents and adults

 Explore best practices to enhance early literacy interactions

 Share tips to involve, engage and empower families as they establish a foundation for future reading success



# Let's Take a Poll...



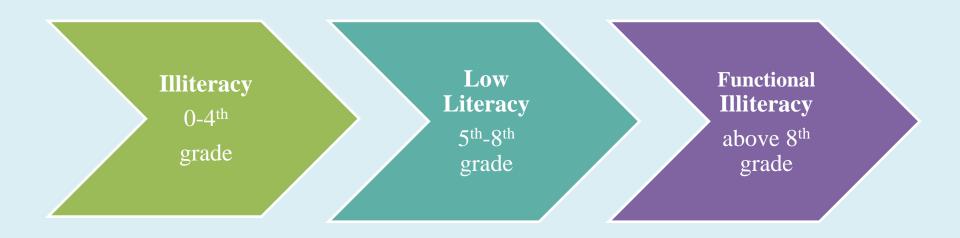
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**Literacy:** the ability to use printed and written information to function in society, to achieve one's goals and to develop one's knowledge and potential.

- The US Department of Education

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# Let's Take a Poll...

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Illiteracy affects more women than men.

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They can be recognized by their appearance.

The number of years of schooling correlates with reading ability.

Illiteracy affects more women than men.

Most will freely admit that they do not know how to read.

Did you know that positive interactions with adults during infancy determine a child's path to future reading success?



"Reading aloud to infants helps to stimulate brain development, yet only 50% of infants are routinely read to by their families."

-National Institute for Literacy



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"Many pediatricians now believe that a child who has never held a book or listened to a story is NOT a fully, healthy child."

- America Reads



"Babies whose families frequently read to them are more likely to read at the right time."

-Kids Health



"Babies whose families frequently read to them are more likely to read at the right time."

-Kids Health

- exposed to the sounds and patterns of their language
  - know more words
  - greater language comprehension



# The lack of positive interactions early on can create several challenges in the lives of infants.

- Missed opportunities to build a strong bond
- Language delay due to fewer periods of communication
  - Motivation to learn may be diminished
  - Acquire less information about the world around them
- Fewer opportunities to develop listening, memory and vocabulary skills



Did you know that the effects of poor language development can be observed as early as 18 months of age?



"Children who are engaged in less conversation with their caregivers before age three, hear fewer words and have smaller vocabularies than children who have richer early language experiences."

-Ounce of Prevention



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-Ounce of Prevention

"85% of brain development occurs by age three."

-For Our Babies



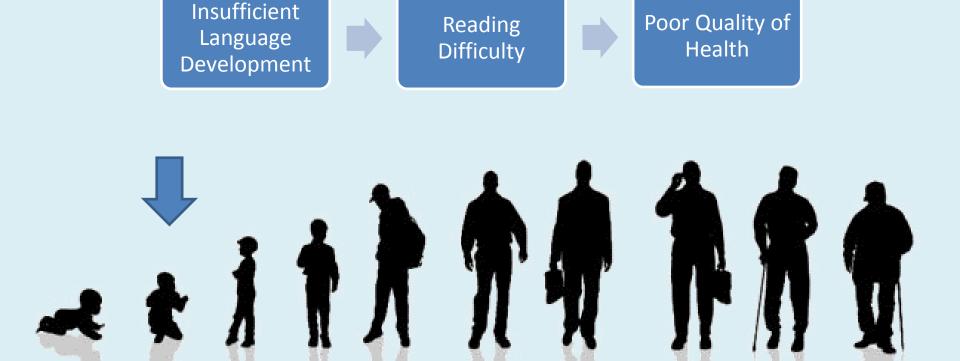
"By age three, a 30,000,000 word gap is evident among children of diverse home environments."

-Hart and Risley



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-Hart and Risley



### The lack of language-rich environments create several challenges in the lives of toddlers.

- Use of sounds versus words during communication
- Depend on gestures and body language to communicate
  - Withdrawn or shy behavior with others
  - Irritation or tantrums when needs are not met
    - Difficulty interacting socially with peers
      - Poor problem solving skills



Did you know that the effects of low reading ability can be seen in early childhood?



"A student who finishes second grade without being able to read has only a 1 in 4 chance of reading at grade level by the end of elementary school."



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"65% of 4th graders nationwide scored "below proficient and 32% scored "below basic"

-National Assessment of Educational Progress

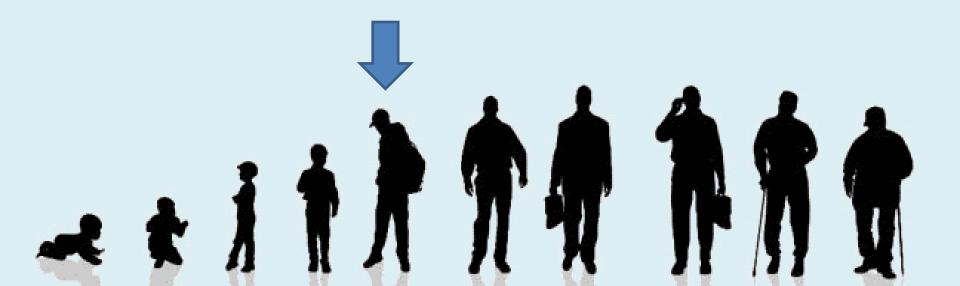


## Inability to read or low reading ability can create several challenges in the lives of young children.

- Huge gaps in academics and learning
  - Decreased motivation to read
- Difficulty creating and maintaining relationships with peers
  - Decline in confidence and poor self image
    - Difficulty within the family systems

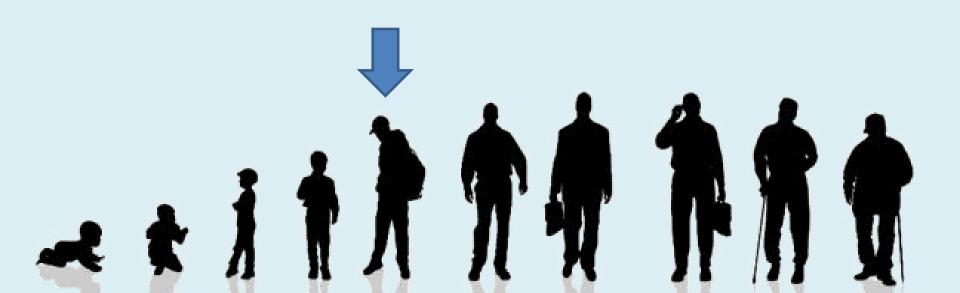


Did you know that reading difficulty continues to disrupt cognitive, physical, emotional and mental health in adolescence?



"Two thirds of eighth graders do not read at grade level."

-NAEP Reading

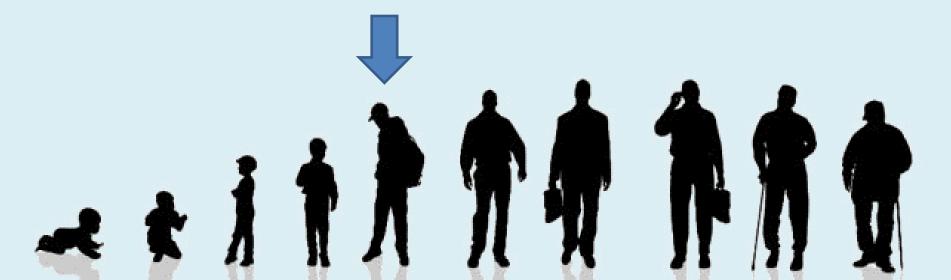


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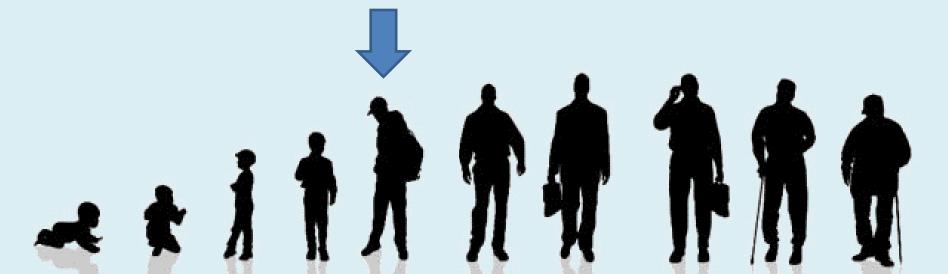
"47% of students who took the ACT in 2009 did not meet the College Readiness Benchmark."

-ACT

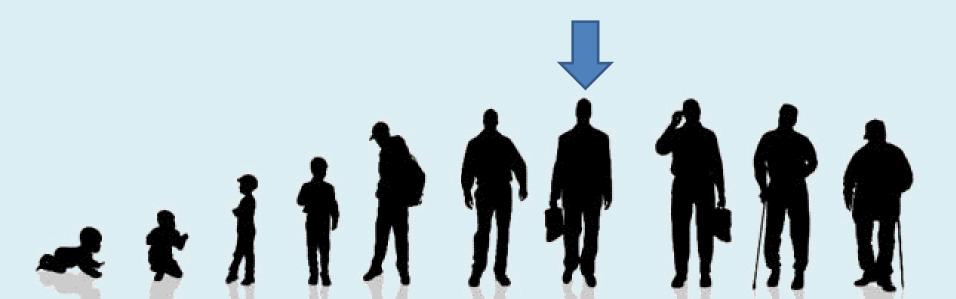


# The inability to read proficiently during adolescence adds to the symptoms of low academic achievement with unsafe behaviors.

- Poor mental health and depression
- Lower self worth and life satisfaction
- •Increased use of alcohol and other substances
  - Higher drop out rates

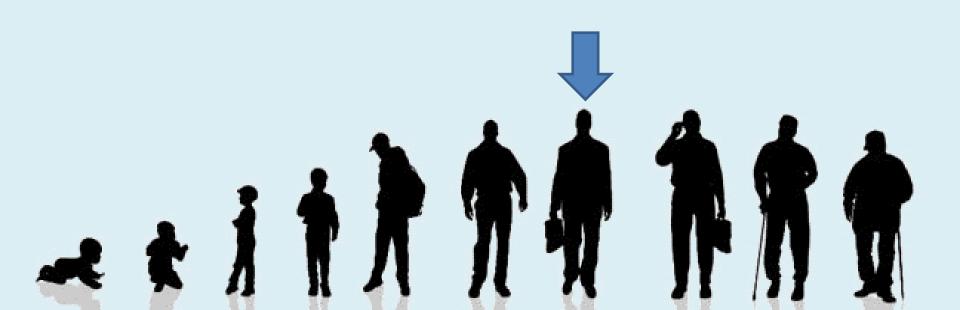


Did you know that the destruction of low reading ability continues into adulthood, where many researchers now focus on the grave consequences during the adult years.



"Only 30% of college graduates have high level literacy skills."

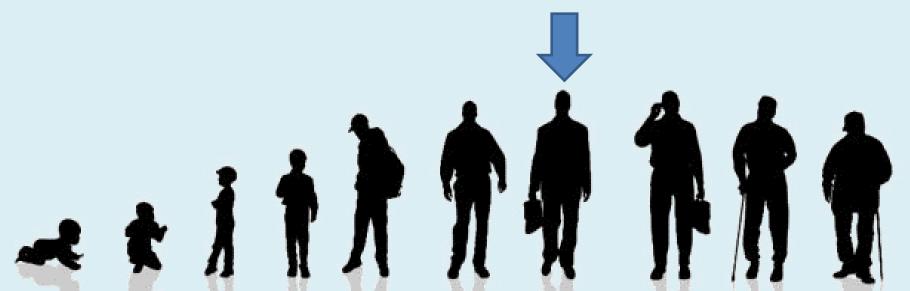
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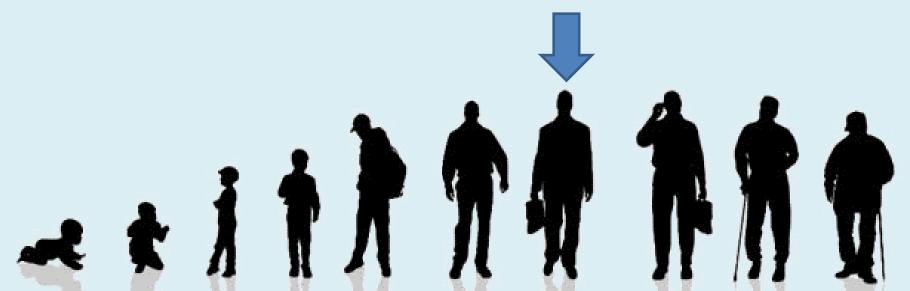
"According to the U.S. Department of Education and the National Institute of Literacy, 32 million adults in the U.S. cannot read."



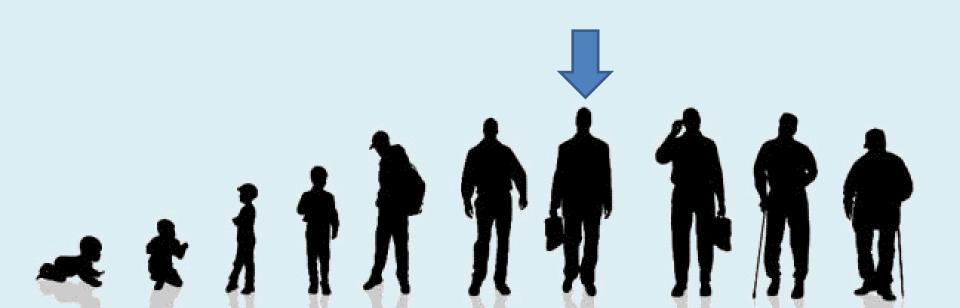
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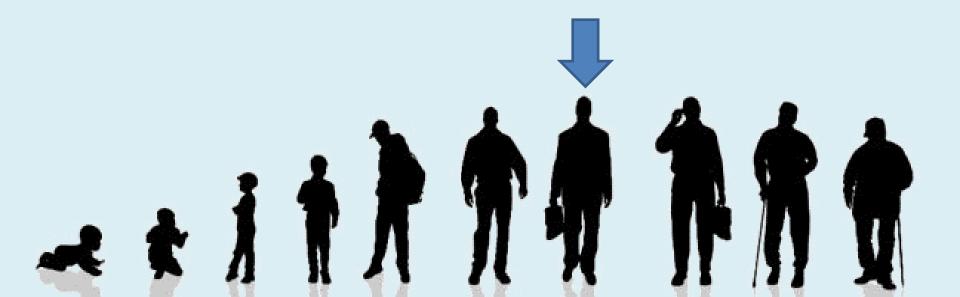
"According to the U.S. Department of Education and the National Institute of Literacy, 32 million adults in the U.S. cannot read."



"Researchers have discovered that adults with poor reading and comprehension skills have disproportionately *higher* medical costs, *increased* number of hospitalizations and *more* perceived physical and psychological problems than do literate persons."



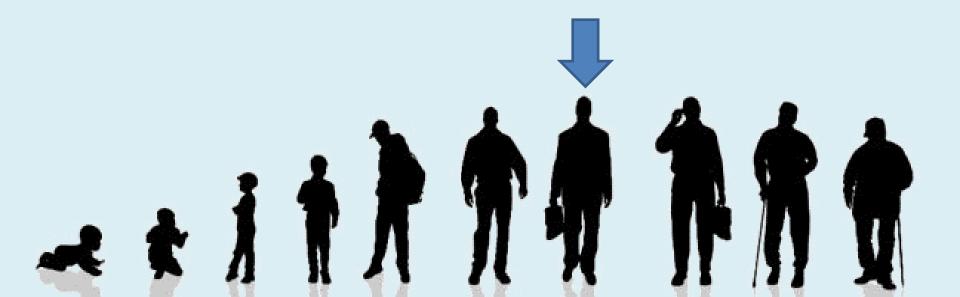
#### Think About It ...



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Low reading ability may have a direct effect on adult health through the inadequate use of health care services.

- Schedule fewer physicians visits and preventative visits
- Less likely to understand and follow medical treatment plans
  - Inability to take prescriptions correctly



### Let's Reflect

Given the data about the effects of reading ability on health over time, how will you use this information to change the path of your work with children? ©2016. The Nemours Foundation. A





By the end of this segment, you will be able to...

- Identify proven, researchbased strategies that increase connections to foundational literacy skills
- Apply these strategies to improve overall health of young, diverse learners

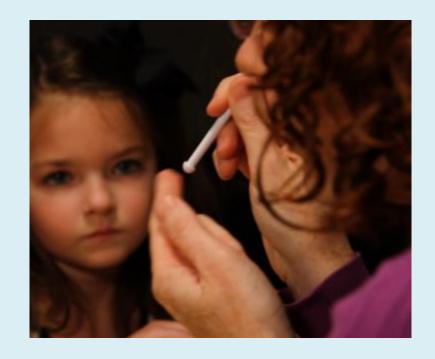
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- Be Explicit
- Teach Systematically
- Make It Multisensory
- Ensure Success
- Keep It Simple



Instruction that guides
diverse learners and
supports their learning
through clear and efficient
delivery.



Explain what you want children to learn with simple, concrete terms

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    - Model and demonstrate each new skill
    - Maintain a high level of teacher-child interaction
      - Provide specific and positive feedback

## Why Use Explicit Instruction?

- > Provides exposure to specific words, phrases and language
- > Benefits children who have a **limited vocabulary** or **language delay**
- Provides opportunities for positive feedback which many children have not experienced due to the absence of adult-child interactions
- Improves listening and comprehension skills with clear, specific instruction



- Be Explicit ✓
- Teach Systematically
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Instruction that follows a logical sequence of steps to build familiarity with concepts in early literacy.



Introduce skills slowly and gradually over time

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- Use activities that build on previously taught information

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    - Teach each step, one at a time

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- Use activities that build on previously taught information
  - Integrate and connect foundational literacy skills
    - Teach each step, one at a time
      - Provide hints or assistance

## Why Use Systematic Instruction?

- ➤ The gradual learning provides a scaffolding for children who struggle with foundational literacy skills and demonstrate a cognitive delay
- ➤ The adequate pacing of instruction may help to reduce anxiety and confusion that some struggling learners may experience, improving mental health



- Be Explicit ✓
- Teach Systematically ✓
- Make It Multisensory
- Ensure Success
- Keep It Simple



Instruction that
encourages children to
use many sensory
pathways
simultaneously,
addressing the
preferences of ALL
learners.



Combines visual, auditory, kinesthetic and tactile experiences

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  - See It! Hear It! Do It! and Touch It!

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  - See It! Hear It! Do It! and Touch It!
- Opportunities to provide individualized instruction
  - Provide a variety of materials
- Engage through hands-on and movement activities

#### Why use Multisensory Instruction?

- Makes learning fun and enjoyable through active play, creating motivation to learn
- Supports brain development through use of multiple pathways
- Strengthens physical development through kinesthetic and tactile learning experiences
- Acquire information about the world around them through senses



Successful
connections are made
when we create a
positive learning
environment that has a
focus on learning, while
remaining upbeat,
encouraging and fun.



Create warm and caring relationships that build trust

- Create warm and caring relationships that build trust
  - Set reachable goals for each child

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  - Set reachable goals for each child
    - Begin with small goals

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  - Guide mastery of skills with multisensory support

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  - Set reachable goals for each child
    - Begin with small goals
  - Guide mastery of skills with multisensory support
    - Reassure, recognize and reward children

#### Why Ensure Success?

- > Provides positive recognition to improve self worth and self esteem
- Creates and environment where contributions are encouraged and valued, meeting the emotional needs of children
- Strengthens responsive and nurturing relationships which many children are without
- > Increases the **confidence** of diverse learners with praise



Effective early
literacy activities can be
simple and quick and yet
still provide children with
developmentally
appropriate ways to
make meaningful
connections to
foundational literacy skills.



Prioritize objectives and stick to the essentials

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  - Limit concepts to one or two at a time

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- Prioritize objectives and stick to the essentials
  - Limit concepts to one or two at a time
- Be respectful of each child's needs, abilities and attention span
  - Provide repetition and review as mastery cannot be expected immediately
    - Keep sessions short...and FUN!

## Why Keep it Simple?

- > Fewer and clearer objectives reduce anxiety
- Repetition and review increases the confidence and self esteem
- Simple and fun activities increases motivation to learn
- > Less time for misbehavior



# Video Clip





#### What Did You Notice?

#### Be Explicit!

- Clear behavioral expectations
- Explicit explanation of goals
- Modeling and demonstration

#### **Be Systematic!**

Series of steps

#### Make It Multisensory!

Evidence of visual, auditory, kinesthetic and tactile learning

#### **Ensure Success!**

- Warm relationships
- Support and guidance
- Specific and positive praise

#### **Keep It Simple!**

- Two minute activity
- Simple objective
- Review throughout

## Let's Reflect

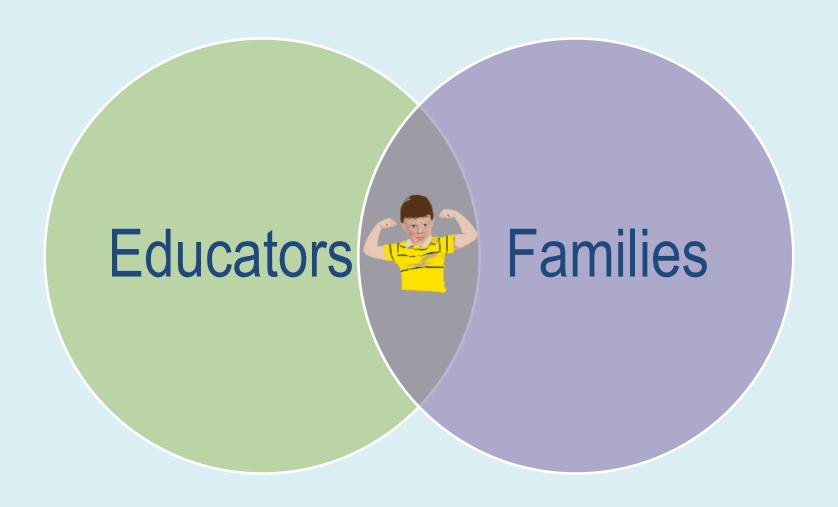
Identify one instructional strategy you use well in your early literacy interactions with children?

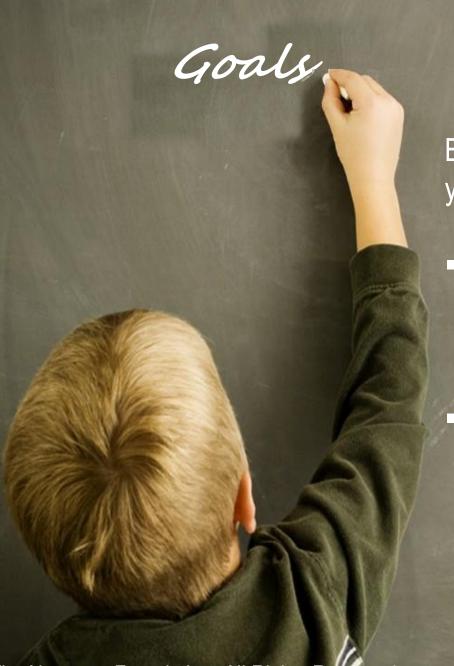
Identify one instructional strategy you will include more often in your work with children?

- Be Explicit
- Teach Systematically
- Make It Multisensory
- Ensure Success
- Keep It Simple

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#### Family Connection





By the end of this segment, you will be able to...

 Support families as they build a foundation for future reading success

 Identify tools and resources that enhance language and literacy development

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Did you know that family beliefs about the value of reading play an important role in whether children interact with printed materials in the home?

#### Did you Know...

"Children who grow up in homes where books are available go further in school than those who do not."

-Pre-K Now

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"Children who grow up in homes where books are available go further in school than those who do not."

-Pre-K Now

"Increased family engagement in educational programs is linked to increases in child reading achievement as well as other academic successes."

-Pre-K Now

### Experts say ...

## Experts say ...

#### Positive Attributes:

- (+) families are lifelong educators
- (+) families are a child's first and most important teacher
- (+) most want to help their children

## Experts say ...

#### **Obstacles and Barriers:**

- (-) families experts on their children, not literacy experts
- (-) negative personal experiences with school and education
- (-) stress or difficulty with communication since families speak many languages other than English
- (-) diverse levels of educational backgrounds influence work life
- (-) limited access to powerful tools and resources



## What Can We Do?

### We can...

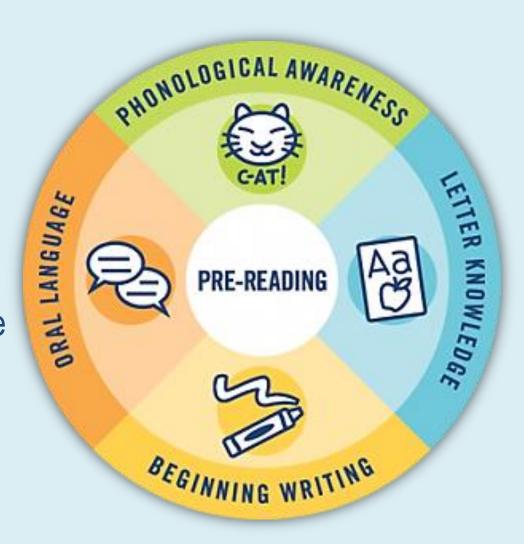
- Educate families regarding the connection between literacy development and child health
- Encourage families to play, read and talk together
- Promote rich literacy learning experiences
- Increase the frequency of positive interactions
- Improve the quality of responsive and nurturing relationships

 help parents and caregivers take an active role in their child's development

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- reinforce classroom
   instruction and support the
   learning that is happening
   in school

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 introduce families to foundational literacy skills





Phonological Awareness is the understanding that spoken words can be divided into parts and each of those parts can be manipulated.



Letter Knowledge is the recognition and naming of letter names and letter sounds as well as the general understanding that print and pictures are processed differently.



Beginning Writing includes the understanding that we can show our thoughts through drawing and writing.



**Oral Language** includes the ability to understand spoken language and speak clearly to communicate with others.



## Phonological Awareness

### **Infants and Toddlers**

- Songs
- Stories
- Nursery Rhymes





## Phonological Awareness

#### Infants and Toddlers

- Songs
- Stories
- Nursery Rhymes





### <u>Prekindergarteners</u>

- Syllables
- Compound Words
- Beginning Sounds
- Ending Sounds

# Letter Knowledge



#### Infants and Toddlers

- Alphabet Books
- Letter Search
- Letter Play (puzzles or magnetic letters)



## Letter Knowledge



### **Infants and Toddlers**

- Alphabet Books
- Letter Search
- Letter Play (puzzles or magnetic letters)





### **Prekindergarteners**

- Letter Names
- Letter Sounds
- Letter Shapes



## Beginning Writing

### **Infants and Toddlers**

- Scribbling
- Finger Painting
- Collaging



## Beginning Writing

### **Infants and Toddlers**

- Scribbling
- Finger Painting
- Collaging





### <u>Prekindergarteners</u>

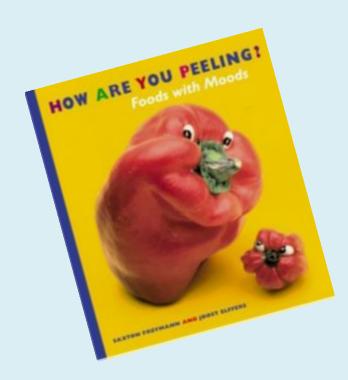
- Name Writing
- Letter Tracing
- Air Writing

# Oral Language (=)



### **Infants and Toddlers**

- Talking
- Reading
- Back and Forth Exchanges

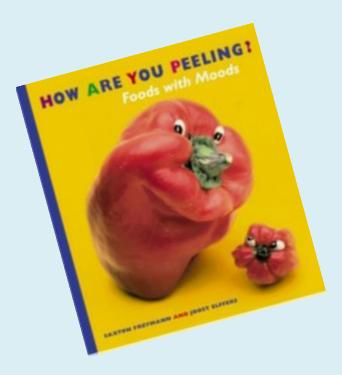


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## Oral Language



- Talking
- Reading
- Back and Forth Exchanges



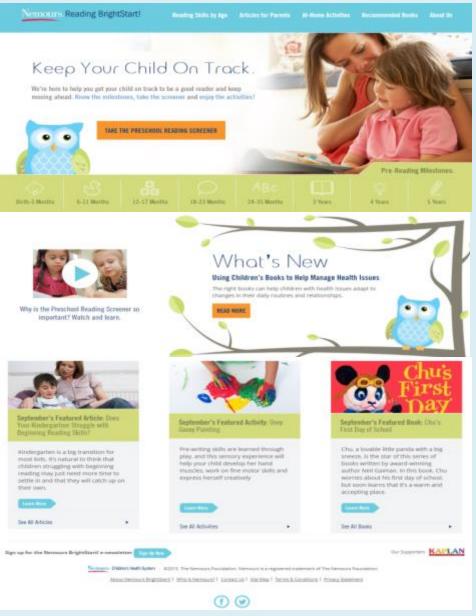


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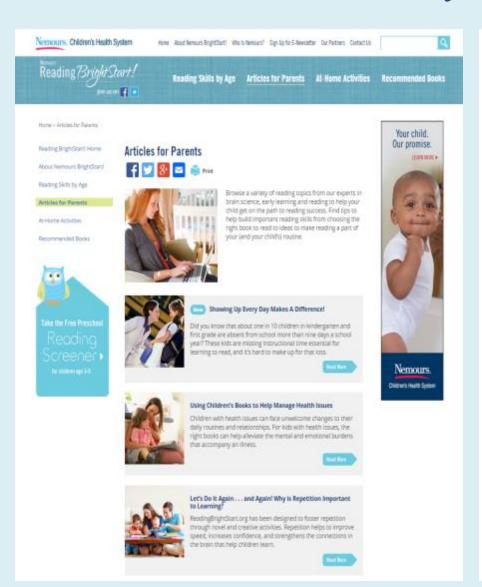
- Conversations
- Story Telling
- Book Retelling

### www.readingbrightstart.org





## Articles for Parents



Reading BrightStart! Home

About Nemours BrightStart!

Reading Skills by Age

**Articles for Parents** 

At-Home Activities

Recommended Books



#### Ten Strategies to Help Your Child Become a Confident Writer









The first experiences children have with drawing and writing will shape their writing development as well as their interest and enthusiasm for writing. You can create a home literacy environment that will positively support your child's early attempts and will help her successfully advance through the often difficult and complex process of beginning writing.

Beginning writing occurs in stages that should be respected and celebrated. Some of these stages include:

- scribbling
- · shapes that resemble letters
- · random letters written together to resemble a word
- · labeling pictures with beginning sounds
- · experimenting with different spellings of words

Parents can promote fun and enjoyable writing experiences for all stages of beginning writing with the following ten strategies.

#### 1. Create an Inviting Space for Drawing and Writing

Young children need a comfortable and inspiring space that allows them to experiment with drawing and writing. This may include appropriately sized tables and chairs as well as a sturdy work surface. If the lack of space or equipment is an issue, consider creating a cozy area with bean bags, throw pillows, and soft lighting.

#### 2. Provide a Variety of Writing Tools

Offer your child the opportunity to experiment with different writing tools such as pencils, crayons, markers, colored pencils and chalk. Include magnetic writing surfaces and gel boards if your child has difficulties with the typical writing tools.

#### 3. Provide a Variety of Writing Surfaces

Provide an assortment of paper, including large and small sheets of paper, lined and unlined paper, note pads, stationery and envelopes. You might also consider providing other writing surfaces such as a chalkboard, easel, clip board or dry-erase board.

#### 4. Allow for Appropriate Drawing and Writing Opportunities

To help your child progress through the stages of writing, provide consistent and varied opportunities for her to draw and write each day or as often as possible.

#### 5. Teach by Example

It is very important for young children to see the adults in their lives writing. It sends the message that writing is a form of communication. For this reason, find every opportunity to include your child in the writing process. The next time you make a shopping list, write a letter or model a drawing, invite your child to participate.

#### 6. Allow Children the Freedom to Make Choices

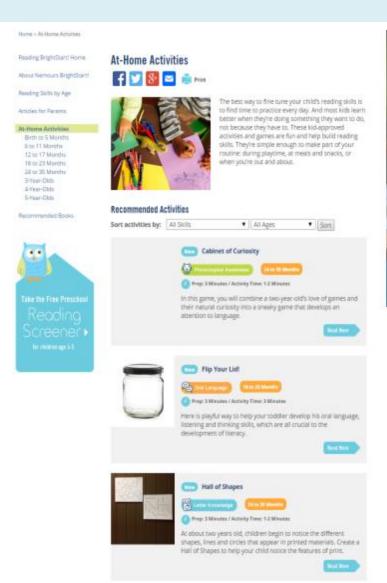
Remember...young children should be able to express themselves freely through drawing and writing. Often, we lose sight of that goal and place pressure and high demands on young writers. Each child's choice to express his or her thoughts, ideas and feelings should be accepted, acknowledged and praised.

#### 7. Provide Support and Guidance

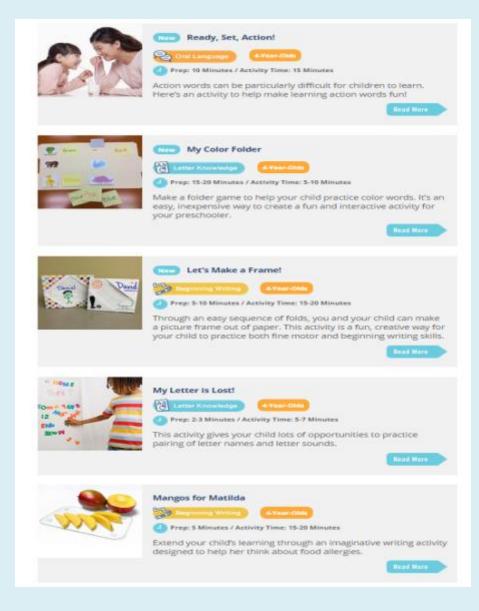
Our role in the development of early writing is to provide encouragement and create confidence. Young children require support and guidance. Try these effective

- provide visual support (pictures or illustrations)
- provide verbal instructions to allow your child to construct an image in multiple

### Home Activities







### Recommended Books





#### Bear With Me





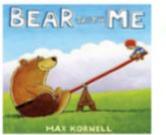












Author: Max Kornell

When Owen's parents bring home a bear named Gary to complete their family, Owen is not happy at all. Gary is new and different - and Owen is expected to share his parents, his room and even his toys! Though it takes Owen time to get used to Gary, he grows to love him and all the ways Gary brings joy to his life.

#### Before, During and After Reading

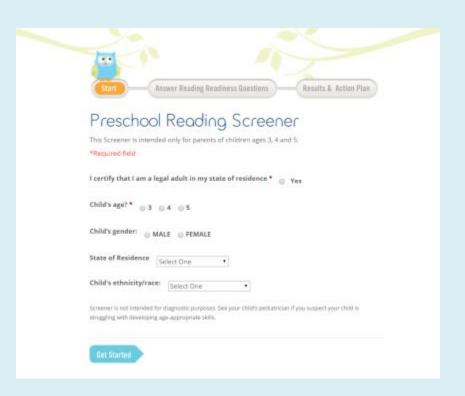
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#### Take the Free Preschool Reading Screener for children age 3-5

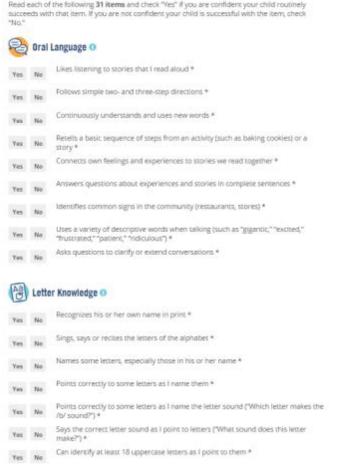
- 1. Answer the questions
- 2. Scores are calculated
- 3. Receive a customized action plan



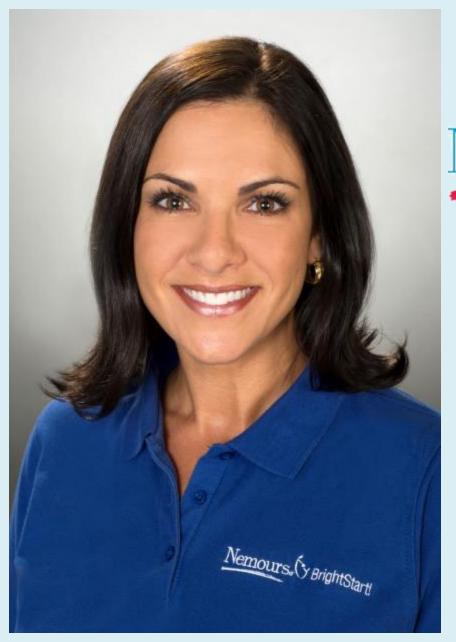


#### Preschool Reading Screener

Read each of the following 31 items and check "Yes" if you are confident your child routinely









## **Thank You!**







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