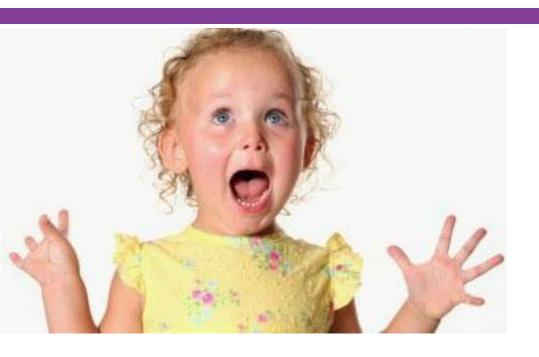
## 2023 Region 8 Head Start Conference



Lisa Sanderson,
SD Parent Connection

Using the CDC's Learn the Signs. Act Early. Resources to **Support Early** Childhood Development

CDC's Act Early Ambassador to South Dakota

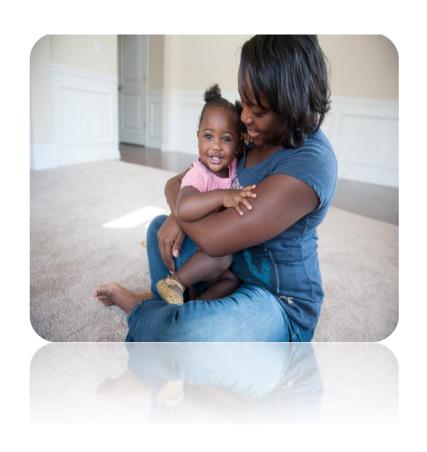




## In today's session, participants will

- Learn how the CDC's LTSAE resources promote universal developmental health promotion for ALL caregivers of young children and aid in early identification of delays and disabilities.
- Learn how LTSAE resources are currently being used across systems in South Dakota to support early childhood programming and staff professional development.
- Identify strategies to utilize LTSAE resources to support and engage parents/caregivers in boosting a child's development.

## "Learn the Signs. Act Early." Mission



To improve early identification of developmental delays and disabilities by promoting developmental monitoring and screening so children and their families can get the services and support they need.

www.cdc.gov/ActEarly





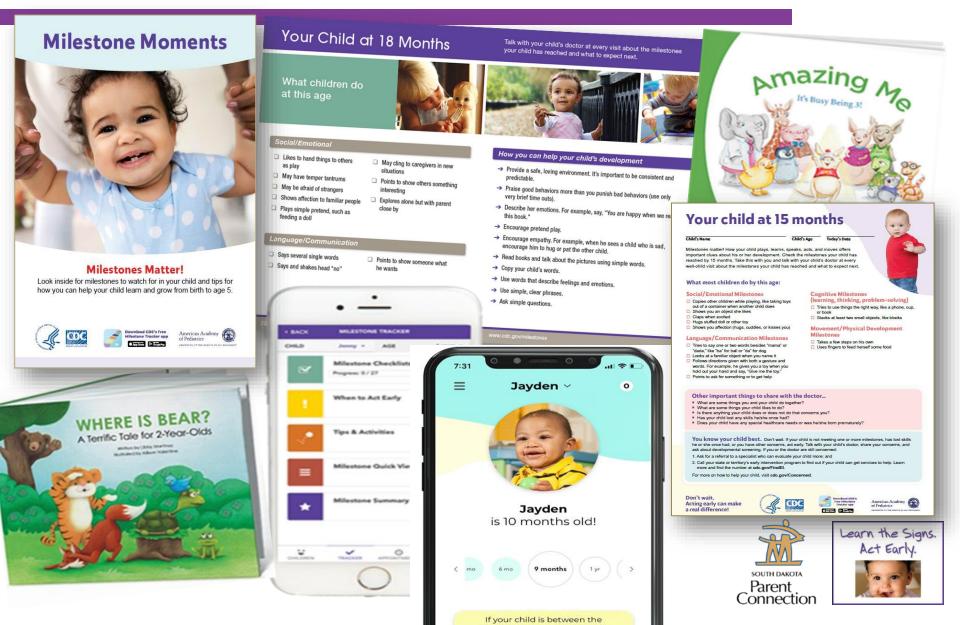
## 4 Steps of Early Identification Process







## In use in South Dakota for several years...



## **Touch Base**

Who is familiar with LTSAE?

 Who is using LTSAE, what resources are you using and how are they being used?

 Take a moment to look at the newest materials!





## SD Act Early Team & Partners

- Birth to 3, HSCO, State Library
- Child Care Services, ECEs, CC providers
- Dept. of Health (WIC, Bright Start, Community Health Offices)
- SD Public Broadcasting, SD Extension,
- TLLSD, SFEC/BHSSC, United Way
- SDAFP, CHWSD, Monument Health
- Child Protection Services, TANF, DV Shelters
- Many more...





## What Data Tells Us...

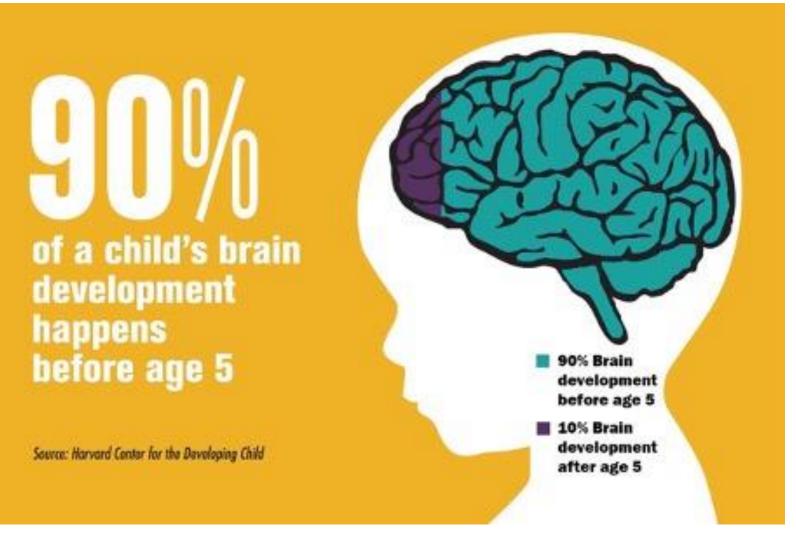
- About 1 in 6 children ages 3-17 has a developmental disability<sup>1</sup>
- Nearly one in 10 children has a serious emotional disorder
- 12-16% of U.S. children have a developmental or behavioral disorder
- In the U.S, about **1 in 36 children** has an autism spectrum disorder<sup>2</sup>
- Median age of Autism Spectrum Disorder diagnosis is 4 years
- The connections in a baby's brain are most adaptable in the first three years of life. These neural circuits are the foundation for learning, behavior, and health. Over time, these connections become harder to change.<sup>1</sup>
- Prompt identification can spur specific and appropriate therapeutic early interventions.

Act Early

<sup>1</sup> Boyle CA, Boulet S, Schieve L, Cohen RA, Blumberg SJ, Yeargin-Allsopp M, Visser S, Kogan MD. Trends in the Prevalence of the Signs. Developmental Disabilities in US Children, 1997–2008. Pediatrics. 2011

<sup>2</sup> U.S. Centers for Disease Control and Prevention Morbidity and Mortality Weekly Report (MMWR) Surveillance Summaries March 2023

## Harvard Center for the Developing Child





# Developmental Surveillance/Monitoring

# Developmental Screening

Done by parents, teachers, health professionals

Ongoing process-begins at birth

Sample tool: Learn the Signs. Act Early.
Milestone Checklists

Look for developmental milestones

Important for tracking signs of development and identifying concerns Formal process

Recommended by the American Academy of Pediatrics at 9, 18, and 24 or 30 months

Done by professionals with special training

Uses a validated screening tool

Sample tool: Ages and Stages Questionnaire

## **Detection Rates**

	Without Tools	With Tools	
Developmental Disabilities	30% identified  Palfrey et al. <i>J Peds</i> .  111:651-655, 1987.	70-80% identified Squires et al. <i>JDBP</i> . 17:420-427, 1996.	
Mental Health Problems	20% identified Lavigne et al. <i>Pediatr</i> . 91:649-655, 1993.	80-90% identified Sturner. <i>JDBP.</i> 12:51-64, 1991.	e Signs.

## Why Developmental Milestones?

- Milestones are things most children can do by a certain age
  - How a child plays, learns, speaks, acts, and moves
- You see these every day
- They offer important clues about each child's developmental health
- Parents may need guidance in recognizing them

<u>Less than half</u> of children with delays are identified before entering school, missing opportunities to benefit from EI.



All children develop at their own pace. Some will reach milestones earlier and some later.



## LTSAE Milestones Materials are...

- Educational, parent vetted
- Plain language, 5<sup>th</sup> grade reading level
- Milestones adapted from AAP based on what most (75%) children can do by each age
- Help parents understand their child and know what to expect developmentally
- Fun memento of child's developmental progress
- Give parents an active voice in tracking milestones and celebrating
- Helps parents complete screening tools more accurately

- Promotes parent engagement and follow through with referral
- Functions as an objective tool for presenting concerns
- Helps track and celebrate each child's developmental milestones
- Helps communicate with parents about development
- Provide guidance on discussing developmental concerns
- Complement and support developmental screening
- Used across systems
- Aid in early identification of the 1 in 6 children with a developmental delay or disability before age 3

## Tracking Milestones Helps Parents...

- Better understand child development\*
- Understand that watching their child for milestones is important
- Pinpoint any potential developmental concerns their child may have



## **Protective Factors**



**Knowledge of Parenting and Child Development:** Understanding child development and parenting strategies that support physical, cognitive, language, social and emotional development.

Concrete Support in Times of Need: Access to concrete support and services that address a family's needs and help minimize stress caused by challenges.

**Social Connections:** Positive relationships that provide emotional, informational, instrumental and spiritual support.

**Social and Emotional Competence of Children:** Family and child interactions that help children develop the ability to communicate clearly, recognize and regulate their emotions and establish and maintain relationships.

Parental Resilience: Parental Resilience: Managing stress and functioning well when faced with challenges, adversity and trauma.

At its heart, Strengthening Families is about how families are supported to build key protective factors that enable children to thrive.

## Tracking Milestones Helps Providers...





- Gather neutral, objective information for conversations with parents
- Build relationships with families
- Understand each child's developmental progress
- Determine if a child needs extra support or has additional challenges in a particular area





## Resources to Help

- Milestone Checklists
- Milestone Moments Booklet
- Milestone Tracker App
- Parent Tip Sheets
- Primers for Professionals
- Milestones in Action Video Library
- Milestone Books
- Videos, social media supports, web buttons
- English, Spanish print resources available

www.cdc.gov/actearly







## Milestone Checklists



- Checklists address
  - Four domains of development
  - Activities to build skills
- Ideas for Use
  - Communication / Education
  - Initial / ongoing monitoring
  - Throughout the year to encourage and engage the caregiver
  - Help identify best supports for child and caregiver success

English, Spanish





## Your Child at 1 Year



## Milestone Checklist Example

Milestones matter! How your child plays, learns, speaks, acts, and moves offers important clues about his or her development. Check the milestones your child has reached by age 1. Take this with you and talk with your child's doctor at every well-child visit about the milestones your child has reached and what to expect next.

#### What Most Children Do by this Age:

#### Social/Emotional

- Is shy or nervous with strangers
- Cries when mom or dad leaves
- Has favorite things and people
- Shows fear in some situations
- ☐ Hands you a book when he wants to hear a story
- Repeats sounds or actions to get attention
- Puts out arm or leg to help with dressing
- ☐ Plays games such as "peek-a-boo" and "pat-a-cake"

#### Language/Communication

- ☐ Responds to simple spoken requests
- □ Uses simple gestures, like shaking head "no" or waving "bye-bye"
- ☐ Makes sounds with changes in tone (sounds more like speech)
- □ Says "mama" and "dada" and exclamations like "uh-oh!"
- ☐ Tries to say words you say
- Responds to some gestures
  Cognitive (learning, thinking, problem-solving)
- Explores things in different ways, like shaking. banging, throwing
- Finds hidden things easily
- Looks at the right picture or thing when it's named
- Copies gestures
- a cup brushes hair Tust Starting a cup, brushes hair
- Bangs two things together
- Puts things in a container, takes things out of a container
- Lets things go without help
- □ Pokes with index (pointer) finger
- ☐ Follows simple directions like "pick up the toy"

#### Movement/Physical Development

- Gets to a sitting position without help
- Pulls up to stand, walks holding on to furniture ("cruising
- May take a few steps without holding on
- May stand alone

#### You Know Your Child Best.

Act early if you have concerns about the way your child play learns, speaks, acts, or moves, or if your child:

- □ Is missing milestones
- □ Doesn't crawl
- Can't stand when supported
- Doesn't search for things that she sees you hide.
- □ Doesn't say single words like "mama" or "dada"
- Doesn't learn gestures like waving or shaking head
- Doesn't point to things
- Loses skills he once had

Tell your child's doctor or nurse if you notice any of these signs of possible developmental delay and ask f a developmental screening.

If you or the doctor is still concerned

- 1. Ask for a referral to a specialist and,
- 2. Call your state or territory's early intervention program to find out if your child can get services to help. Learn more and find the number at cdc.gov/FindEl.

For more information, go to cdc.gov/Concerned.

Acting early can make a real difference!







## Your Child at 18 Months (11/2 Yrs)\*

Child's Name Child's Age **Today's Date** 



Milestones matter! How your child plays, learns, speaks, acts, and moves offers important clues about his or her development. Check the milestones your child has reached by 18 months. Take this with you and talk with your child's doctor at every well-child visit about the milestones your child has reached and what to expect next.

#### What Most Children Do by this Age:

#### Social/Emotional

- ☐ Likes to hand things to others as play
- May have temper tantrums
- May be afraid of strangers
- □ Shows affection to familiar people
- Plays simple pretend, such as feeding a doll
- May cling to caregivers in new situations
- Points to show others something interesting
- Explores alone but with parent close by May go off on his own...

#### Language/Communication

- Says several single words
- Says and shakes head "no"
- Points to show someone what he wants

#### Cognitive (learning, thinking, problem-solving)

- Knows what ordinary things are for; for example, telephone. brush, spoon
- Points to get the attention of others
- Shows interest in a doll or stuffed animal by pretending to feed
- Points to one body part
- Scribbles on his own Beginning
- □ Can follow 1-step verbal commands without any gestures; for example, sits when you say "sit down"

#### Movement/Physical Development

- Walks alone
- May walk up steps and run
- Pulls toys while walking
- Can help undress herself
- Drinks from a cup 51'ppy Cico
- ☐ Eats with a spoon

#### You Know Your Child Best.

Act early if you have concerns about the way your child plays, learns, speaks, acts, or moves, or if your child:

- Is missing milestones
- □ Doesn't point to show things to others
- □- Can't-walk
- Doesn't know what familiar things are for
- Doesn't copy others
- □ Doesn't gain new words
- □ Doesn't have at least 6 words
- Doesn't notice or mind when a caregiver leaves or returns
- □ Loses skills he once had

Tell your child's doctor or nurse if you notice any of these signs of possible developmental delay and ask for a developmental screening.

If you or the doctor is still concerned

- 1. Ask for a referral to a specialist and,
- 2. Call your state or territory's early intervention program to find out if your child can get services to help. Learn more and find the number at cdc.gov/FindEl.

For more information, go to cdc.gov/Concerned.

#### Acting early can make a real difference!

#### It's time for developmental screening!

At 18 months, your child is due for general developmental screening and an autism screening, as recommended for all children by the American Academy of Pediatrics. Ask the doctor about your child's developmental screening.

## Milestone Checklist Example







cdc.gov/Milesto

## Your Child at 2 Years\*



Child's Age

**Today's Date** 



Milestone Checklist Example

Milestones matter! How your child plays, learns, speaks, acts, and moves offers important clues about his or her development. Check the milestones your child has reached by age 2. Take this with you and talk with your child's doctor at every well-child visit about the milestones your child has reached and what to expect next.

#### What Most Children Do by this Age:

#### Social/Emotional

- Copies others, especially adults and older children & ginning
- ☐ Gets excited when with other children
- Shows more and more independence
- ☐ Shows defiant behavior (doing what he has been told not to)
- Plays mainly beside other children; but is beginning to include other children, such as in chase games Pushes in stead of four chas

#### Language/Communication

- Points to things or pictures when they are named
- Knows names of familiar people and body parts
- □ Says sentences with 2 to 4 words
- □ Follows simple instructions
- Repeats words overheard in conversation
- Points to things in a book

#### Cognitive (learning, thinking, problem-solving)

- Finds things even when hidden under two or three covers
- Begins to sort shapes and colors
- Completes sentences and rhymes in familiar books
- □ Plays simple make-believe games
- □ Builds towers of 4 or more blocks
- Might use one hand more than the other Left -eating. Right iped more and find the number at cdc.gov/FindEl.
- ☐ Follows two-step instructions such as "Pick up your shoes and put them in the closet."
- ☐ Names items in a picture book such as a cat, bird, or dog

#### Movement/Physical Development

- Stands on tiptoe
- Kicks a ball
- Begins to run
- Climbs onto and down from furniture without help
- Walks up and down stairs holding on

- Throws ball overhand
- ☐ Makes or copies straight lines and circles

#### You Know Your Child Best

Act early if you have concerns about the way your child plage learns, speaks, acts, or moves, or if your child:

- □ Is missing milestones
- □ Doesn't use 2-word phrases (for example, "drink milk")
- Doesn't know what to do with common things, like a br phone, fork, spoon
- Doesn't copy actions and words
- □ Doesn't follow simple instructions
- Doesn't walk steadily
- Loses skills she once had

Tell your child's doctor or nurse if you notice any of these signs of possible developmental delay and ask a developmental screening.

If you or the doctor is still concerned

- 1. Ask for a referral to a specialist and,
- 2. Call your state or territory's early intervention program to find out if your child can get services to help. Learn

For more information, go to cdc.gov/Concerned.

Acting early can make a real difference!

#### It's time for developmental screening!

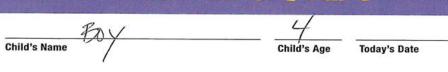
At 2 years, your child is due for general developmental screening and an autism screening, as recommended for all children by the American Academy of Pediatrics, Ask the doctor about your child's developmental screening.







## Your Child at 3 Years





## Milestone Checklist Example

Milestones matter! How your child plays, learns, speaks, acts, and moves offers important clues about his or her development. Check the milestones your child has reached by age 3. Take this with you and talk with your child's doctor at every well-child visit about the milestones your child has reached and what to expect next.

#### What Most Children Do by this Age:

#### Social/Emotional

- Copies adults and friends
- ☐ Shows affection for friends without prompting
- ☐ Takes turns in games
- □ Shows concern for a crying friend
- ☐ Understands the idea of "mine" and "his" or "hers"
- Shows a wide range of emotions limited
- Separates easily from mom and dad
- May get upset with major changes in routine
- ☐ Dresses and undresses self

#### Language/Communication

- ☐ Follows instructions with 2 or 3 steps
- Can name most familiar things
- ☐ Understands words like "in," "on," and "under"
- Says first name, age, and sex
- Names a friend
- Says words like "I," "me," "we," and "you" and some plurals (cars, dogs, cats)
- ☐ Talks well enough for strangers to understand most of the time
- □ Carries on a conversation using 2 to 3 sentences

#### Cognitive (learning, thinking, problem-solving)

- Can work toys with buttons, levers, and moving parts
- ☐ Plays make-believe with dolls, animals, and people
- □ Does puzzles with 3 or 4 pieces
- □ Understands what "two" means
- Copies a circle with pencil or crayon
- Turns book pages one at a time
- □ Builds towers of more than 6 blocks
- Screws-and-unscrews-jar-lids or turns door handle

#### Movement/Physical Development

- Climbs well
- Runs easily
- Pedals a tricycle (3-wheel bike)
- ☐ Walks up and down stairs, one foot on each step

#### You Know Your Child Best

Act early if you have concerns about the way your child plays learns, speaks, acts, or moves, or if your child:

- Is missing milestones
- ☐ Falls down a lot or has trouble with stairs
- Drools or has very unclear speech
- Can't work simple toys (such as peg boards, simple puzz) turning handle)
- □ Doesn't speak in sentences
- □ Doesn't understand simple instructions
- □ Doesn't play pretend or make-believe
- Doesn't want to play with other children or with toys
- Doesn't make eye contact
- Loses skills he once had

Tell your child's doctor or nurse if you notice any of these signs of possible developmental delay and ask for a developmental screening.

If you or the doctor is still concerned

- 1. Ask for a referral to a specialist and.
- Call any local public elementary school for a free evaluation to find out if your child can get services to help.

For more information, go to cdc.gov/Concerned.

DON'T WAIT.
Acting early can make a real difference!







## Your Child at 4 Years

BOV	
Child's Name	

Child's Age

Today's Date



## Milestone Checklist Example

Milestones matter! How your child plays, learns, speaks, acts, and moves offers important clues about his or her development. Check the milestones your child has reached by age 4. Take this with you and talk with your child's doctor at every well-child visit about the milestones your child has reached and what to expect next.

#### What Most Children Do by this Age:

#### Social/Emotional

- Enjoys doing new things
- ☐ Plays "Mom" and "Dad"
- Is more and more creative with make-believe play
- ☐ Would rather play with other children than by himself
- Cooperates with other children
- ☐ Often can't tell what's real and what's make-believe
- ☐ Talks about what she likes and what she is interested in

#### Language/Communication

- Knows some basic rules of grammar, such as correctly using "he" and "she"
- ☐ Sings a song or says a poem from memory such as the "Itsy Bitsy Spider" or the "Wheels on the Bus"
- □ Tells stories
- Can say first and last name

#### Cognitive (learning, thinking, problem-solving)

- □ Names some colors and some numbers
- Understands the idea of counting
- Starts to understand time
- Remembers parts of a story
- ☐ Understands the idea of "same" and "different"
- □ Draws a person with 2 to 4 body parts
- Uses scissors
- Starts to copy some capital letters
- Plays board or card games
- ☐ Tells you what he thinks is going to happen next in a book

#### Movement/Physical Development

□ Hops and stands on one foot up to 2 seconds

- Catches a bounced ball most of the time
- Pours, cuts with supervision, and mashes ow

#### You Know Your Child

Act early if you have concerns about the way yo learns, speaks, acts, or moves, or if your child:

- Is missing milestones
- ☐ Can't jump in place
- ☐ Has trouble scribbling
- Shows no interest in interactive games or m
- Ignores other children or doesn't respond to the family
- Resists dressing, sleeping, and using the toil
- □ Can't retell a favorite story
- □ Doesn't follow 3-part commands
- □ Doesn't understand "same" and "different"
- □ Doesn't use "me" and "you" correctly
- Speaks unclearly
- Loses skills he once had

Tell your child's doctor or nurse if you notice any of these signs of possible developmental delay and ask for a developmental screening.

If you or the doctor is still concerned

- 1. Ask for a referral to a specialist and,
- Call any local public elementary school for a free evaluation to find out if your child can get services to help.

For more information, go to cdc.gov/Concerned.

#### DON'T WAIT

Acting early can make a real difference!







## Milestone Moments Booklet

 Parent/caregiver use throughout a child's early years. Orients to milestones, provides developmental activities.

A CONTROL OF THE PROPERTY OF T

Learn the Signs.

Provide to families as a parent friendly resource.

Helps parents prepare for well-child visits and/or Milestone Moments

developmental screenings.

Staff training and reference.

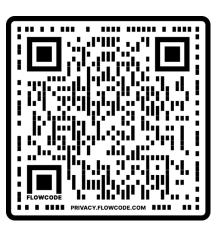
Use activities in your work with children families

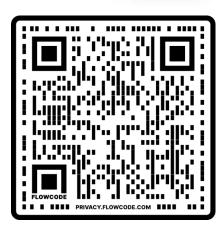
- Include information and activities in your outreach.
- English, Spanish

## CDC Milestone Tracker App



- FREE app includes the following features:
  - Add a child, no limit, anyone can use
  - Illustrated Milestone Tracker
  - Tips and Activities
  - Alerts when you need to "Act Early"
  - Appointment reminders
  - Milestone results that can be emailed to providers (or parents)
  - English, Spanish









## Milestone Books



WHERE IS BEAR?
A Terrific Tale for 2-Year-Olds





# It's Busy Being 3!



When I am the King, my friend Bernice can be the Queen!



Some days, I get to play games with my friends at preschool.

We like to play superheroes...





Milestone Moment: Joey plays well with two or three children in a group.











## If you have concerns about your child's development, don't wait. **Acting Early** can make a real difference.

#### Parents have many options to seek a developmental screening for their child:

- Talk with your family or child's doctor.
- Call your local community health staff. 1-800-305-3064.
- Call Birth to Three at 1-800-305-3064 if your child is under age 3.
- Call your local elementary school if your child is age 3 or older.
- Call SD Parent Connection at 1-800-640-4553 for free information, guidance and support.











Printing support generously provided by SD Council on Developmental Disabilities; SD Early Childhood Comprehensive System Collaborative; SD Parent Connection; SD Statewide Family Engagement Center; SD Academy of Family Physicians; SD Ear Childhood Enrichment System; SD Public Broadcasting; USD Center for Disabilities; Helpline Center; supported in part by a subawar from the Association of University Centers on Disabilities/Centers for Disease Control and Prevention cooperative agreeme (6NU38OT000280-02-02); supported in part by the Health Resources and Services Administration (HRSA) of the US Departme of Health and Human Services (HHS) under Grant Number B0440162 for Maternal and Child Health Services. Its contents are sole the responsibility of the authors and do not necessarily represent the official views of the Maternal and Child Health Bureau Heal Resources and Services Administration or HRSA.



## Resources for Parents



Receive free text messages with easy, practical tips and activities that are targeted to your child's age (prenatal through age 8) and include information on development, language and early literacy, health and safety, parenting, local resources, and more. Text BRIGHT to 274448.

You are not alone. Every day people call 211 for information and support -whether financial, family, health, childcare, parenting classes, or disaster-related. Or text your zip code to 898211. The call or text is free and confidential with service 24/7.







SD Early Childhood Enrichment System provides parent training, car seats at no cost to income eligible families, and additional resources and support. Contact 1-800-235-5923 or visit www.sdece.org for more information.

When South Dakotans call, chat, or text 988, they can expect to be connected to a crisis specialist who is trained and prepared to deliver support to anyone experiencing a crisis. The service is free, confidential and offered all day, every day.





South Dakota WIC is a free health and nutrition program that offers food, education, and support for qualifying South Dakota families who are expecting or have a child under age 5. Mothers, fathers, and legal guardians can all sign their child up for WIC. 1-800-738-2301

SD Head Start helps children in income eligible families (from birth to age 5) with language, reading, and social-emotional growth so they're ready to succeed in school. 1-866-763-6481





Community Health Offices, SD Dept of Health, Office of Child and Family Services, support income eligible South Dakota families. Services include immunizations, prenatal education, WIC, Bright Start home visiting, safe sleep education, fluoride varnish, developmental screening, vision and hearing screening, linking families to community resources, and health education. Find your local office by calling 1-800-738-2301.

Department of Social Services (DSS) programs assist income eligible individuals, children, and families. These programs include help with food, home heating costs, Medicaid/CHIP, and basic needs. Access DSS programs online at dss.sd.gov, by email or mail, or call 877-999-5612. Child Safety Seat Distribution Program provides car seats at no cost. Call 211 for local distributors. Child Care Assistance helps families pay for child care costs while they work, go to school, or both. 1-800-227-3020.

Public libraries have many resources available at no cost for your family including children's books, learning materials, story time, parenting supports, and more. Contact the SD State Library at library.sd.gov or 1-800-423-6665 for assistance in locating a library near you.

## Ways to Use Resources...

- Professional Development / Resource
- Use content to meet program needs
- Welcome / waiting packets for families
- Parent engagement /education / resource support for families and caregivers
- Birthday book for child
- Free takeaways
- Your great ideas!

SD Act Early Ambassador Lisa Sanderson here to support you! 800-640-4553





## How to Get SD Act Early Materials...



- Order virtually... scan the code now! www.surveymonkey.com/r/ActEarlySD QR code in books
  - Email/call Ambassador

    <a href="mail/call-ambassador">Isanderson@sdparent.org</a>
    800-640-4533 / 605-361-3171

Yes, they are free to order and have shipped directly to you thanks to funding from our many partners!

## Connect with Your State Ambassador...

CO: Eileen Auer Bennett, Assuring Better Child Health

Email: <u>Eileen@coloradoabcd.org</u>

**ND:** Hilory Liccini, UCEDD/Minot State University

Email: hilory.liccini@minotstateu.edu

**UT:** Janel Preston, Utah State University

Email: Janel.preston@usu.edu

WY: Peg Monteith, University of Wyoming

Email: Psherar2@uwyo.edu







# Next Steps

How will YOU use the LTSAE resources?

Contact Lisa Sanderson, South Dakota Parent Connection at 800-640-4553 or <a href="mailto:lsanderson@sdparent.org">lsanderson@sdparent.org</a> for assistance.



