







"Learn the Signs. Act Early."

National Center on Birth Defects and Developmental Disabilities

Centers for Disease Control and Prevention

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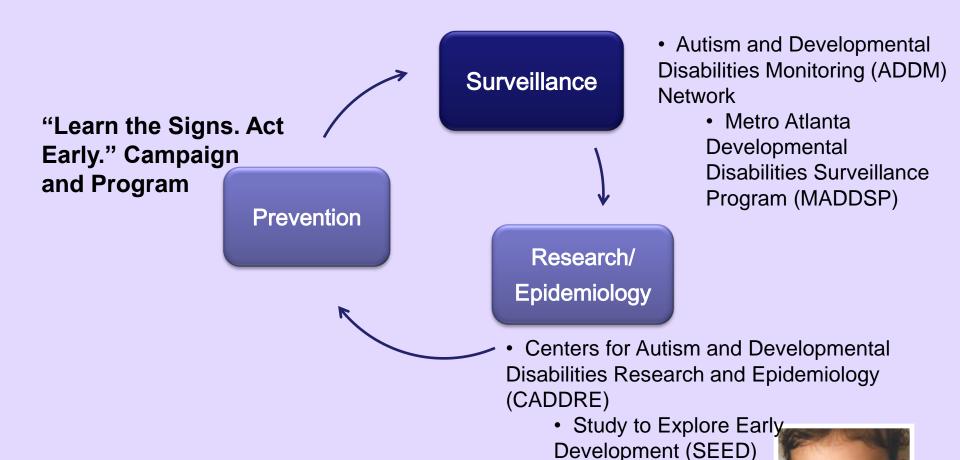








Autism Spectrum Disorders Activities at the CDC







"Learn the Signs. Act Early." Program

Overall Program Goal:

To promote early identification and early intervention to improve quality of life for children with developmental disabilities and their families

Three Strategies:

- "Learn the Signs. Act Early." Campaign
 Increase awareness, knowledge, and desired behaviors
- 2. "Act Early" Regional Summits
 Facilitate communication/coordination among systems
- Research & Evaluation
 Identify areas for strengthening and test innovative strategies for campaign implementation









"Learn the Signs. Act Early." Campaign

Goals:

- Increase awareness of developmental milestones and early warning signs of developmental disability;
- Increase dialogue among parents and providers about child development;
- Spur early action on developmental concerns







Target Audiences

- Primary audience:
 - All parents of children aged 4 and under

- Secondary audiences:
 - Health care providers
 - Early educators









The "Learn the Signs. Act Early." Campaign History

- 2002 Mandate from Congress
- 2003 Formative Research Conducted
- 2004 Campaign "Launch"









Campaign Partners: Collaborators in Campaign Development



American Academy of Pediatrics
DEDICATED TO THE HEALTH OF ALL CHILDREN*













Communication Research

- Involved health care professionals, parents, and early educators
- 3 parts:
 - Formative research
 - Baseline survey
 - Message and material testing
- Altogether took >1 yr









Strategic Approach



- To achieve objectives:
 - go broad, stay positive, tap into parents' natural interest
- Juxtapose familiar milestones with less familiar

Play PSAs!





Campaign Objectives

Parents of young children...

- Know that developmental milestones exist
- Monitor their child's development
- Recognize some early warning signs of delay
- Know the importance of acting early
- Initiate discussion with provider about development







Campaign Objectives

Health Care Providers who serve young children...

- Initiate discussion with parent about development
- Are receptive to parental concern (and take action)
- Have and use campaign materials









Campaign Objectives

Early Educators...

- Know that developmental milestones exist
- Know the early warning signs of delay
- Have self-efficacy to talk with parents about development
- Aid in monitoring development
- Have and use campaign materials







Reaching Our Target Audiences

- Placement
- Presence
- Partnership
- Provision









Placement

Parents

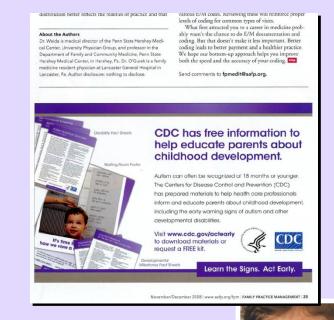




Health Professionals

Early Educators











Presence

Parents





Health Professionals

AMERICAN Academy of Family Physicians

Early Educators











Partnership

Parents

Health Professionals

Early Educators





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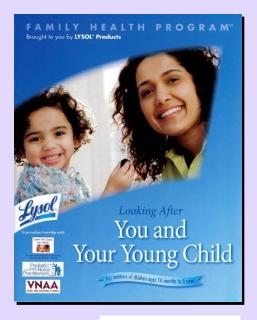
Learn the Signs - Act Early

US Dept. of Health & Human Services

Do you know all the ways you should measure your charge's growth? We naturally think of height and weight, but from birth to 5 years, a child should reach milestones in how he plays, leams, speaks and acts. A delay in any of these areas could be a sign of a developmental problem, even autism. The good news is, the earlier it's recognized the more you can do to help your charge reach her full potential.

Learn More: DHH5 > CDC > Learn the Signs - Act Early

Posted as a public service by HomeWork Solutions Inc.









Provision

Parents

Health Professionals

Early Educators



Learn the Signs. Act Early.

Campaign Champion Works With Libraries To Increase Community Awareness of Developmental Disabilities Lisa Kowalski

Campaign champion, Michigan

"My desire is to spread child development awareness throughout my community in the hope that it will reach audiences nationwide, especially parents. Parents need to know that there are many resources available to them, but the best tool they have is themselves," says campaign champion Lisa Kowalski.

Lisa always had a natural interest in child development. Her interest turned to passion when the younger of her two boys, Aaron, was diagnosed with autism. Lisa had been comparing Aaron's development to her oldest child's and kept noticing delays. "The first two times I brought him to his



pediatrician with concerns, I was brushed off and told to wait three months," says Lisa.

Yet, Lisa knew something wasn't right. She began monitoring Aaron's behavior and writing her observations on index cards. Three months later, Lisa took her index cards with her to Aaron's doctor, packed with information. Using this information in conjunction with their own tests and observations, Aaron's doctor and specialists were able to diagnose him as having autism.

Read more...







Unique Opportunities











Hey there! CDCActEarly is using Twitter.







@CDCActEarly





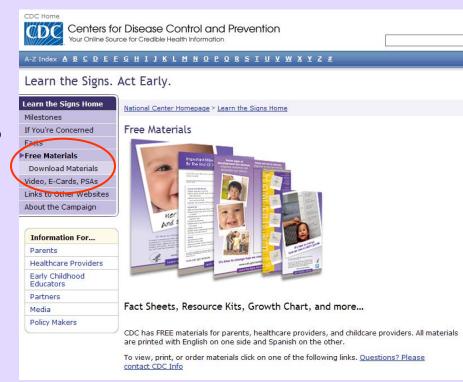


Campaign Resources

FREE Resource Kits

- Parents
- Health Care Providers
- Early Educators
- Other FREE Materials

www.cdc.gov/actearly 1-800-CDC-INFO









—4 feet -3 feet Was broken Learn the Signs. Act Early.

Resource Kits



















The Messages

"Early identification is key"

"The earlier a delay is recognized the more can be done to help"

"You know your child best"

"Milestones monitor more than just the physical- how a child plays, learns, speaks, and acts offers important clues about his development"

"Most delays are not outgrown, with help a child can reach her full potential"

Play Baby Steps Video!









NATIONAL CENTER ON BIRTH DEFECTS AND DEVELOPMENTAL DISABILITIES

Learn the Signs. Act Early.

Interactive Checklist: By the End of 1 Year (12 Months)

Simply fill out your child's name, age and today's date and then check off the milestones your child has already achieved. Then click "Create Checklist."





Child's Name:

Social and Emotional

Today's Date: January 27, 2010 Shy or anxious with strangers

Cries when mother or father leaves

Enjoys imitating people in his play

Shows specific preferences for certain people and toys Tests parental responses to his actions during feedings

Tests parental responses to his behavior

May be fearful in some situations

Prefers mother and/or regular caregiver over all others

Repeats sounds or gestures for attention

Finger-feeds himself

Extends arm or leg to help when being dressed

Reaches sitting position without assistance

Assumes hands-and-knees position Creeps on hands and knees

Gets from sitting to crawling or prone (lying on stomach) position

Pulls self up to stand

Walks holding on to furniture

Stands momentarily without support

May walk two or three steps without suppor

Hand and Finger Skills

Uses pincer grasp

 Bangs two objects together Puts objects into container

Takes objects out of container

Lets objects go voluntarily

Pokes with index finger

Language

Pays increasing attention to speech

Responds to simple verbal requests

Uses simple gestures, such as shaking head for "no"

Babbles with inflection (changes in tone)

Says "dada" and "mama" Uses exclamations, such as "Oh-oh!"

Tries to imitate words

Cognitive

Explores objects in many different ways (shaking, banging, throwing.

Finds hidden objects easily

Looks at correct picture when the image is named

Imitates gestures

Begins to use objects correctly (drinking from cup, brushing hair, dialing phone, listening to receiver)

Create Checklist Create Checklist button, then click here to print the results.

Return to interactive tools page | Act Early Home

Ask a relative, friend, of daycare provider to tell you what they see your child doing. Print off a

A Print this page

Online Tools & Resources

- Printable Milestone Checklists
- E-Cards
- Videos, PSAs
- Website linking instructions, badges, buttons
- Interactive Milestones Chart
- "If You're Concerned...": "What to say", "While you wait"
- Positive Parenting Tips
- "Go Out & Play! Kit" for early educators







Usage Data

- Website has top page view numbers in center; 88% customer satisfaction rating
- Average ~20,000 unique visitors/month
- >300,000 resource kits
- >400,000 material downloads









Among Those Who Have Heard of the Campaign...

Pediatricians (Daniel et al., Public Health 2009)

- More confident discussing cognitive development with parents
- More likely to be aware of resources available for referral, treatment
- Likely to have resources to educate parents

Parents*

- Know the developmental milestones their child should be reaching for his/her age
- Ask the nurse or doctor for information about child development
- Talk with their child's teacher about their child's development
- Feel confident that they can find services to help





^{*}Results are preliminary

Our work continues...

There are new parents, health professionals, and early educators every single day.

Will you help us spread the word to help everyone "learn the signs" and "act early"?







Thank you!

Contact me anytime with questions, concerns, or ideas!

KKGreen@cdc.gov







For more information

CDC's autism website:

www.cdc.gov/autism



http://www.cdc.gov/ncbddd/autism/addm.html

SEED

http://www.cdc.gov/ncbddd/autism/seed.html

"Learn the Signs. Act Early."

www.cdc.gov/actearly







