Developmental Screening
FACT SHEET

What is child development?

A child's growth is more than just physical. Children grow, develop, and learn throughout their lives, starting at birth. A child's development can be followed by how they play, learn, speak, and behave.

What is a developmental delay? Will my child just grow out of it?

Skills such as taking a first step, smiling for the first time, and waving "bye bye" are called developmental milestones. Children reach milestones in playing, learning, speaking, behaving, and moving (crawling, walking, etc.). A developmental delay is when your child does not reach these milestones at the same time as other children the same age. If your child is not developing properly, there are things you can do that may help. Most of the time, a developmental problem is not something your child will "grow out of" on his or her own. But with help, your child could reach his or her full potential!

What is developmental screening?

Doctors and nurses use developmental screening to tell if children are learning basic skills when they should, or if they might have problems. Your child's doctor may ask you questions or talk and play with your child during an exam to see how he or she learns, speaks, behaves, and moves. Since there is no lab or blood test to tell if your child may have a delay, the developmental screening will help tell if your child needs to see a specialist.

Why is developmental screening important?

When a developmental delay is not recognized early, children must wait to get the help they need. This can make it hard for them to learn when they start school. In the United States, 17 percent of children have a developmental or behavioral disability such as autism, mental retardation, or Attention-Deficit/Hyperactivity Disorder (ADHD). In addition, many children have delays in language or other areas. But, less than half of children with problems are identified before starting school. During this time, the child could have received help for these problems and may even have entered school more ready to learn.

I have concerns that my child could have a developmental delay. Who can I contact in my state to get my child a developmental assessment?

Talk to your child's doctor or nurse if you have concerns about how your child is developing. If you or your doctor think there could be a problem, you can take your child to see a developmental pediatrician or other specialist, and you can contact your local early intervention agency (for children under 3) or public school (for children 3 and older) for help. To find out who to speak to in your area, you can contact the National Dissemination Center for Children with Disabilities by logging on to **www.nichcy.org/states.htm** or calling **1-800-695-0285**. In addition, the Centers for Disease Control and Prevention (CDC) has links to information for families at (**www.cdc.gov/ncbddd/dd/aic/resources**). If there is a problem, it is very important to get your child help as soon as possible.

How can I help my child's development?

Proper nutrition, exercise, and rest are very important for children's health and development. Providing a safe and loving home and spending time with your child – playing, singing, reading, and even just talking – can also make a big difference in his or her development.

For other ideas of activities to do with your child, and for child safety information, go to **www.cdc.gov/ncbddd/child/** and look in the "developmental milestones" section.

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Autism Spectrum Disorders
FACT SHEET

What are autism spectrum disorders?

Autism spectrum disorders (ASDs) are a group of developmental disabilities caused by a problem with the brain. Scientists do not know yet exactly what causes this problem. ASDs can impact a person's functioning at different levels, from very mildly to severely. There is usually nothing about how a person with an ASD looks that sets them apart from other people, but they may communicate, interact, behave, and learn in ways that are different from most people. The thinking and learning abilities of people with ASDs can vary – from gifted to severely challenged. Autistic disorder is the most commonly known type of ASD, but there are others, including "pervasive developmental disorder-not otherwise specified" (PDD-NOS) and Asperger's Disorder.

What are some of the signs of ASDs?

People with ASDs might have problems with social and communication skills. They might repeat certain behaviors and might not want change in their daily activities. Many people with ASDs also have different ways of learning, paying attention, or reacting to things. ASDs begin during early childhood and last throughout a person's life.

A child or adult with an ASD might:

- have trouble relating to others or not have an interest in other people at all
- avoid eye contact and want to be alone
- have trouble understanding other people's feelings or talking about their own feelings
- prefer not to be held or cuddled or might cuddle only when they want to
- appear to be unaware when other people talk to them
- be very interested in people, but not know how to talk, play, or relate to them
- repeat or echo words or phrases said to them, or repeat words or phrases in place of normal language (echolalia)
- have trouble expressing their needs using typical words or motions
- repeat actions over and over again
- have trouble adapting when a routine changes
- have unusual reactions to the way things smell, taste, look, feel, or sound

What can I do if I think my child has an ASD?

You are doing the right thing now – starting to talk with your child's doctor or nurse. If you or your doctor think there could be a problem, you can take your child to see a developmental pediatrician or other specialist, and you can contact your local early intervention agency (for children under 3) or public school (for children 3 and older). To find out who to speak to in your area, you can contact the National Dissemination Center for Children with Disabilities by logging on to **www.nichcy.org/states.htm** or calling **1-800-695-0285**. In addition, the Centers for Disease Control and Prevention (CDC) has links to information for families on their Autism Information Center Web page (**www.cdc.gov/ncbddd/dd/aic/resources**).

Right now, the most effective treatment for ASDs is intensive structured teaching of skills, often called behavioral intervention. It is **very** important to begin this intervention as early as possible in order to help your child reach his or her full potential. Acting early can make a real difference!

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Cerebral Palsy
FACT SHEET

What is cerebral palsy?

Cerebral means having to do with the brain. *Palsy* means weakness or problems with using the muscles. Cerebral palsy is a group of disorders that affect a person's ability to move and keep their balance and posture as a result of an injury to parts of the brain, or as a result of a problem with development. Often the problem happens before birth or soon after being born. Cerebral palsy causes different types of disabilities in each child. A child may simply be a little clumsy or awkward, or unable to walk at all.

What are some of the signs of cerebral palsy?

The signs of cerebral palsy vary greatly because there are many different types and levels of disability. The main sign that your child might have cerebral palsy is a delay reaching the motor or movement milestones. If you see any of these signs, call your child's doctor or nurse.

A child over 2 months with cerebral palsy might:
- have difficulty controlling head when picked up
- have stiff legs that cross or "scissor" when picked up

A child over 6 months with cerebral palsy might:
- continue to have a hard time controlling head when picked up
- reach with only one hand while keeping the other in a fist

A child over 10 months with cerebral palsy might:
- crawl by pushing off with one hand and leg while dragging the opposite hand and leg
- not sit by himself or herself

A child over 12 months with cerebral palsy might:
- not crawl
- not be able to stand with support

A child over 24 months with cerebral palsy might:
- not be able to walk
- not be able to push a toy with wheels

What causes cerebral palsy?

Cerebral palsy is caused by a problem in the brain that affects a child's ability to control his or her muscles. Problems in different parts of the brain cause problems in different parts of the body. There are many possible causes of problems, such as genetic conditions, problems with the blood supply to the brain before birth, infections, bleeding in the brain, lack of oxygen, severe jaundice, and head injury.

What can I do if I think my child might have cerebral palsy?

You are doing the right thing now – talking with your child's doctor or nurse. If you or your doctor have concerns about cerebral palsy, you can seek the help of a specialist such as a developmental pediatrician or child neurologist, and you can contact your local early intervention agency (for children under 3) or public school (for children 3 and older). To find out who to speak to in your area, you can contact the National Dissemination Center for Children with Disabilities by logging on to **www.nichcy.org/states.htm** or calling **1-800-695-0285**. In addition, the Centers for Disease Control and Prevention (CDC) has links to information for families (**www.cdc.gov/ncbddd**).

To help your child reach his or her full potential, it is very important to get help for him or her as early as possible!

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Vision Loss
FACT SHEET

What is vision loss?

Vision loss means that a person's eyesight cannot be corrected to a "normal" level, making it hard or impossible to do daily tasks without eyeglasses, contact lenses, or other assistance. Vision loss can vary greatly among children and can be caused by many things.

What causes loss of vision?

Vision loss can be caused by damage to the eye itself, by the eye being shaped incorrectly, or even by a problem in the brain. Babies can be born unable to see, and vision loss can occur anytime during a person's life.

When should my child be checked?

Your child should be checked for vision problems by an eye doctor (an ophthalmologist), pediatrician, or other trained specialist at:

- newborn to 3 months
- 6 months to 1 year
- about 3 years
- about 5 years

Having your child's vision checked is especially important if someone in your family has had vision problems.

What are some of the signs of vision loss?

A child with vision loss might:

- close or cover one eye
- squint the eyes or frown
- complain that things are blurry or hard to see
- have trouble reading or doing other close-up work, or hold objects close to eyes in order to see
- blink more than usual or seem cranky when doing close-up work (such as looking at books)

One eye of a child with vision loss could look out or cross. One or both eyes could be watery, and one or both of the child's eyelids could also look red-rimmed, crusted, or swollen.

What can I do if I think my child may have vision loss?

You are doing the right thing now – talking with your child's doctor or nurse. If you or your doctor think there could be a problem, you can take your child to see a pediatric eye doctor (ophthalmologist) or other specialist, and you can contact your local early intervention agency (for children under 3) or public school (for children 3 and older). To find out who to speak to in your area, you can contact the National Dissemination Center for Children with Disabilities by logging on to **www.nichcy.org/states.htm** or calling **1-800-695-0285**. In addition, the Centers for Disease Control and Prevention (CDC) has information about vision loss (**www.cdc.gov/ncbddd**).

Treating vision problems early may protect your child's sight, and teaching children with severe vision loss how to function as early as possible can help them reach their full potential.

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Mental Retardation
FACT SHEET

What is mental retardation?

Mental retardation is a term used when there are limits to a person's ability to learn at an expected level and function in daily life. Levels of mental retardation vary greatly in children – from a very slight problem to a very severe problem. Children with mental retardation might have a hard time letting others know their wants and needs, and taking care of themselves. Mental retardation could cause a child to learn and develop more slowly than other children of the same age. It could take longer for a child with mental retardation to learn to speak, walk, dress, or eat without help, and they could have trouble learning in school.

Mental retardation can be caused by a problem that starts any time before a child turns 18 years old – even before birth. It can be caused by injury, disease, or a problem in the brain. For many children, the cause of their mental retardation is not known. Some of the most common known causes of mental retardation – like Down syndrome, fetal alcohol syndrome, fragile X syndrome, genetic conditions, birth defects, and infections – happen before birth. Others happen while a baby is being born or soon after birth. Still other causes of mental retardation do not occur until a child is older; these might include serious head injury, stroke, or certain infections.

What are some of the signs of mental retardation?

Usually, the more severe the degree of mental retardation, the earlier the signs can be noticed. However, it might still be hard to tell how young children will be affected later in life.

There are many signs of mental retardation. For example, children with mental retardation may:

- sit up, crawl, or walk later than other children
- learn to talk later, or have trouble speaking
- find it hard to remember things
- have trouble understanding social rules
- have trouble seeing the results of their actions
- have trouble solving problems

What can I do if my child is diagnosed with mental retardation?

You are doing the right thing now – talking your child's doctor or nurse. If you or your doctor think there could be a problem, you can take your child to see a developmental pediatrician or other specialist, and you can contact your local early intervention agency (for children under 3) or public school (for children 3 and older). To find out who to speak to in your area, you can contact the National Dissemination Center for Children with Disabilities by logging on to **www.nichcy.org/states.htm** or calling **1-800-695-0285**. In addition, the Centers for Disease Control and Prevention (CDC) has links to information for families (**www.cdc.gov/ncbddd**).

To help your child reach his or her full potential, it is very important to get help for him or her as early as possible!

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Hearing Loss
FACT SHEET

What is hearing loss in children?

Some children are born deaf or hard of hearing. Most children also experience mild, temporary hearing loss when fluid gets in the middle ear from allergies or colds. Sometimes as a result of an ear infection, fluid stays in the middle ear, causing hearing loss and delays in your child's speech. While it is not common, some children do have permanent hearing loss. This might be mild (they don't hear as well as you do) or complete (where they can't hear anything at all). Hearing loss can vary greatly among children and can be caused by many things.

What are some of the signs of hearing loss?

The signs and symptoms of hearing loss are different for different children. If you see any of these signs, call your child's doctor or nurse:

- does not turn to the source of a sound by 3 to 4 months of age
- pays attention to vibrating noises or noises that can be felt, rather than heard
- does not say single words, such as "dada" or "mama" by 1 year of age
- turns head when he or she sees you but not if you only call out his or her name: this usually is mistaken for not paying attention or just ignoring, but could be the result of a partial hearing loss
- hears some sounds but not others

What causes hearing loss? Can it be prevented?

Hearing loss can happen any time during life – from before birth to adulthood. Babies born early or who have low birth weight might have problems that lead to hearing loss, but this can happen to full-term, normal weight babies as well. Illnesses, injuries, certain medicines, and loud noise levels can cause children and adults to lose hearing.

Some causes of hearing loss can be prevented. For example, vaccines can prevent certain infections, such as measles, that can cause hearing loss. Another cause that can be prevented is a kind of brain damage that happens when a newborn baby has too much jaundice. This is called "kernicterus," and can be prevented by using special lights (phototherapy) or other therapies to treat babies with jaundice before they go home from the hospital.

What can I do if I think my child might have hearing loss?

You are doing the right thing now – talking with your child's doctor or nurse. If you or your doctor think your child might have hearing loss, ask that a hearing test be given as soon as possible. To have your child's exact levels of hearing measured, see an audiologist or an ear, nose, and throat doctor (ENT, otolaryngologist). If your child is under age 2 or does not cooperate for the hearing exam, a test (called brain-stem evoked-response audiometry) could be given. This test allows the doctor to check your child's hearing without having to rely on your child's cooperation. Your child will not be hurt; most babies even sleep through the test.

Hearing loss can affect a child's ability to develop speech, language, and social skills. The earlier a child who is deaf or has a hearing loss starts getting services, the more likely the child's speech, language, and social skills will reach their full potential. Services can be received through your local early intervention agency or public school. To find out who to speak to in your area, contact the National Dissemination Center for Children with Disabilities by logging on to **www.nichcy.org/states.htm** or calling **1-800-695-0285**. In addition, the Centers for Disease Control and Prevention (CDC) has links to information for families (**www.cdc.gov/ncbddd**).

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ADHD
FACT SHEET

What is ADHD?

Attention-deficit/hyperactivity disorder (ADHD) is one of the most common neurobehavioral disorders of childhood. It is sometimes referred to as Attention Deficit Disorder (ADD). It is usually first diagnosed in childhood and often lasts into adulthood. Children with ADHD have trouble paying attention, controlling impulsive behaviors (may act without thinking about what the result will be), and, in some cases, are overly active.

What are some of the signs of ADHD?

It is normal for children, at one time or another, to have trouble focusing and behaving. However, in children with ADHD, the symptoms continue instead of getting better, and they can make learning very difficult.

A child with ADHD might:

- have a hard time paying attention and daydream a lot
- not seem to listen
- be easily distracted from schoolwork or play
- forget things
- be in constant motion or unable to stay seated
- squirm or fidget
- talk too much
- not be able to play quietly
- act and speak without thinking
- have trouble taking turns
- interrupt others

Deciding if a child has ADHD is a several step process. There is no single test to diagnose ADHD, and many other problems, like anxiety, depression, and certain types of learning disabilities, can have similar symptoms. One step of the process involves having a medical exam, including hearing and vision tests, to rule out other problems with symptoms like ADHD. Another part of the process may include a checklist for rating ADHD symptoms and taking a history of the child from parents, teachers, and sometimes, the child.

What can I do if I think my child may have ADHD?

You are doing the right thing now – talking with your child's doctor or nurse. If you or your doctor have concerns about ADHD, you can take your child to a specialist such as a child psychologist or developmental pediatrician, or you can contact your local early intervention agency (for children under 3) or public school (for children 3 and older). To find out who to speak to in your area, you can contact the National Dissemination Center for Children with Disabilities by logging on to **www.nichcy.org/states.htm** or calling **1-800-695-0285**.

The Centers for Disease Control and Prevention (CDC) sponsors the National Resource Center, a program of CHADD – Children and Adults with Attention-Deficit/Hyperactivity Disorder. Their Web site has links to information for people with ADHD and their families (**www.help4adhd.org**). The National Resources Center operates a call center with trained staff to answer questions about ADHD. The number is **1-800-233-4050**.

In order to make sure your child reaches his or her full potential, it is very important to get help for ADHD as early as possible.

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Important Milestones By The End Of 3 Months

Babies develop at their own pace, so it's impossible to tell exactly when your child will learn a given skill. The developmental milestones listed below will give you a general idea of the changes you can expect, but don't be alarmed if your own baby's development takes a slightly different course.

Social and Emotional

- Begins to develop a social smile
- Enjoys playing with other people and may cry when playing stops
- Becomes more expressive and communicates more with face and body
- Imitates some movements and facial expressions

Movement

- Raises head and chest when lying on stomach
- Supports upper body with arms when lying on stomach
- Stretches legs out and kicks when lying on stomach or back
- Opens and shuts hands
- Pushes down on legs when feet are placed on a firm surface
- Brings hand to mouth
- Takes swipes at dangling objects with hands
- Grasps and shakes hand toys

Vision

- Watches faces intently
- Follows moving objects
- Recognizes familiar objects and people at a distance
- Starts using hands and eyes in coordination

Hearing and Speech

- Smiles at the sound of your voice
- Begins to babble
- Begins to imitate some sounds
- Turns head toward direction of sound

Developmental Health Watch

Alert your child's doctor or nurse if your child displays any of the following signs of possible developmental delay for this age range.

- Does not seem to respond to loud noises
- Does not notice hands by 2 months
- Does not follow moving objects with eyes by 2 to 3 months
- Does not grasp and hold objects by 3 months
- Does not smile at people by 3 months
- Cannot support head well by 3 months
- Does not reach for and grasp toys by 3 to 4 months
- Does not babble by 3 to 4 months
- Does not bring objects to mouth by 4 months
- Begins babbling, but does not try to imitate any of your sounds by 4 months
- Does not push down with legs when feet are placed on a firm surface by 4 months
- Has trouble moving one or both eyes in all directions
- Crosses eyes most of the time (occasional crossing of the eyes is normal in these first months)
- Does not pay attention to new faces, or seems very frightened by new faces or surroundings

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Important Milestones By The End Of 7 Months

Babies develop at their own pace, so it's impossible to tell exactly when your child will learn a given skill. The developmental milestones listed below will give you a general idea of the changes you can expect, but don't be alarmed if your own baby's development takes a slightly different course.

Social and Emotional

- Enjoys social play
- Interested in mirror images
- Responds to other people's expressions of emotion and appears joyful often

Movement

- Rolls both ways (front to back, back to front)
- Sits with, and then without, support on hands
- Supports whole weight on legs
- Reaches with one hand
- Transfers object from hand to hand
- Uses hand to rake objects

Vision

- Develops full color vision
- Distance vision matures
- Ability to track moving objects improves

Language

- Responds to own name
- Begins to respond to "no"
- Can tell emotions by tone of voice
- Responds to sound by making sounds
- Uses voice to express joy and displeasure
- Babbles chains of sounds

Cognitive

- Finds partially hidden object
- Explores with hands and mouth
- Struggles to get objects that are out of reach

Developmental Health Watch

Alert your child's doctor or nurse if your child displays any of the following signs of possible developmental delay for this age range.

- Seems very stiff, with tight muscles
- Seems very floppy, like a rag doll
- Head still flops back when body is pulled to a sitting position
- Reaches with one hand only
- Refuses to cuddle
- Shows no affection for the person who cares for him or her
- Doesn't seem to enjoy being around people
- One or both eyes consistently turn in or out
- Persistent tearing, eye drainage, or sensitivity to light
- Does not respond to sounds around him or her
- Has difficulty getting objects to mouth
- Does not turn head to locate sounds by 4 months
- Does not roll over in either direction (front to back or back to front) by 5 months
- Seems impossible to comfort at night after 5 months
- Does not smile on his or her own by 5 months
- Cannot sit with help by 6 months
- Does not laugh or make squealing sounds by 6 months
- Does not actively reach for objects by 6 to 7 months
- Does not follow objects with both eyes at near (1 foot) and far (6 feet) ranges by 7 months
- Does not bear weight on legs by 7 months
- Does not try to attract attention through actions by 7 months
- Does not babble by 8 months
- Shows no interest in games of peek-a-boo by 8 months

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Important Milestones By The End Of 1 Year (12 Months)

Babies develop at their own pace, so it's impossible to tell exactly when your child will learn a given skill. The developmental milestones listed below will give you a general idea of the changes you can expect, but don't be alarmed if your own baby's development takes a slightly different course.

Social and Emotional

- 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

Movement

- Reaches sitting position without assistance
- Crawls forward on belly
- 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 support

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
- Tries to imitate scribbling

Language

- Pays increasing attention to speech
- Responds to simple verbal requests
- Responds to "no"
- 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, dropping)
- 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)

Developmental Health Watch

Alert your child's doctor or nurse if your child displays any of the following signs of possible developmental delay for this age range.

- Does not crawl
- Drags one side of body while crawling (for over one month)
- Cannot stand when supported
- Does not search for objects that are hidden while he or she watches
- Says no single words ("mama" or "dada")
- Does not learn to use gestures, such as waving or shaking head
- Does not point to objects or pictures

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Important Milestones By The End Of 2 Years (24 Months)

Children develop at their own pace, so it's impossible to tell exactly when yours will learn a given skill. The developmental milestones below will give you a general idea of the changes you can expect as your child gets older, but don't be alarmed if your child takes a slightly different course.

Movement

- Walks alone
- Pulls toys behind her while walking
- Carries large toy or several toys while walking
- Begins to run
- Stands on tiptoe
- Kicks a ball
- Climbs onto and down from furniture unassisted
- Walks up and down stairs holding on to support

Hand and Finger Skills

- Scribbles on his or her own
- Turns over container to pour out contents
- Builds tower of four blocks or more
- Might use one hand more often than the other

Language

- Points to object or picture when it's named for him
- Recognizes names of familiar people, objects, and body parts
- Says several single words (by 15 to 18 months)
- Uses simple phrases (by 18 to 24 months)
- Uses 2- to 4-word sentences
- Follows simple instructions
- Repeats words overheard in conversation

Cognitive

- Finds objects even when hidden under two or three covers
- Begins to sort by shapes and colors
- Begins make-believe play

Social

- Imitates behavior of others, especially adults and older children
- More aware of herself as separate from others
- More excited about company of other children

Emotional

- Demonstrates increasing independence
- Begins to show defiant behavior
- Separation anxiety increases toward midyear then fades

Developmental Health Watch

Alert your child's doctor or nurse if your child displays any of the following signs of possible developmental delay for this age range.

- Cannot walk by 18 months
- Fails to develop a mature heel-toe walking pattern after several months of walking, or walks only on his toes
- Does not speak at least 15 words
- Does not use two-word sentences by age 2
- By 15 months, does not seem to know the function of common household objects (brush, telephone, bell, fork, spoon)
- Does not imitate actions or words by the end of this period
- Does not follow simple instructions by age 2
- Cannot push a wheeled toy by age 2

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Important Milestones By The End Of 3 Years (36 Months)

Children develop at their own pace, so it's impossible to tell exactly when yours will learn a given skill. The developmental milestones below will give you a general idea of the changes you can expect as your child gets older, but don't be alarmed if your child takes a slightly different course.

Movement

- Climbs well
- Walks up and down stairs, alternating feet (one foot per stair step)
- Kicks ball
- Runs easily
- Pedals tricycle
- Bends over easily without falling

Hand and Finger Skills

- Makes up-and-down, side-to-side, and circular lines with pencil or crayon
- Turns book pages one at a time
- Builds a tower of more than six blocks
- Holds a pencil in writing position
- Screws and unscrews jar lids, nuts, and bolts
- Turns rotating handles

Language

- Follows a two- or three-part command
- Recognizes and identifies almost all common objects and pictures
- Understands most sentences
- Understands placement in space ("on," "in," "under")
- Uses 4- to 5-word sentences
- Can say name, age, and sex
- Uses pronouns (I, you, me, we, they) and some plurals (cars, dogs, cats)
- Strangers can understand most of her words

Cognitive

- Makes mechanical toys work
- Matches an object in her hand or room to a picture in a book
- Plays make-believe with dolls, animals, and people
- Sorts objects by shape and color
- Completes puzzles with three or four pieces
- Understands concept of "two"

Social

- Imitates adults and playmates
- Spontaneously shows affection for familiar playmates
- Can take turns in games
- Understands concept of "mine" and "his/hers"

Emotional

- Expresses affection openly
- Expresses a wide range of emotions
- By 3, separates easily from parents
- Objects to major changes in routine

Developmental Health Watch

Alert your child's doctor or nurse if your child displays any of the following signs of possible developmental delay for this age range.

- Frequent falling and difficulty with stairs
- Persistent drooling or very unclear speech
- Cannot build a tower of more than four blocks
- Difficulty manipulating small objects
- Cannot copy a circle by age 3
- Cannot communicate in short phrases
- No involvement in "pretend" play
- Does not understand simple instructions
- Little interest in other children
- Extreme difficulty separating from mother or primary caregiver
- Poor eye contact
- Limited interest in toys

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Learn the Signs. Act Early.

Important Milestones By The End Of 4 Years (48 Months)

Children develop at their own pace, so it's impossible to tell exactly when yours will learn a given skill. The developmental milestones below will give you a general idea of the changes you can expect as your child gets older, but don't be alarmed if your child takes a slightly different course.

Movement

- Hops and stands on one foot up to five seconds
- Goes upstairs and downstairs without support
- Kicks ball forward
- Throws ball overhand
- Catches bounced ball most of the time
- Moves forward and backward with agility

Hand and Finger Skills

- Copies square shapes
- Draws a person with two to four body parts
- Uses scissors
- Draws circles and squares
- Begins to copy some capital letters

Language

- Has mastered some basic rules of grammar
- Speaks in sentences of five to six words
- Speaks clearly enough for strangers to understand
- Tells stories

Cognitive

- Correctly names some colors
- Understands the concept of counting and may know a few numbers
- Tries to solve problems from a single point of view
- Begins to have a clearer sense of time
- Follows three-part commands
- Recalls parts of a story
- Understands the concepts of "same" and "different"
- Engages in fantasy play

Social

- Interested in new experiences
- Cooperates with other children
- Plays "Mom" or "Dad"
- Increasingly inventive in fantasy play
- Dresses and undresses
- Negotiates solutions to conflicts
- More independent

Emotional

- Imagines that many unfamiliar images may be "monsters"
- Views self as a whole person involving body, mind, and feelings
- Often cannot tell the difference between fantasy and reality

Developmental Health Watch

Alert your child's doctor or nurse if your child displays any of the following signs of possible developmental delay for this age range.

- Cannot throw a ball overhand
- Cannot jump in place
- Cannot ride a tricycle
- Cannot grasp a crayon between thumb and fingers
- Has difficulty scribbling
- Cannot stack four blocks
- Still clings or cries whenever parents leave
- Shows no interest in interactive games
- Ignores other children
- Doesn't respond to people outside the family
- Doesn't engage in fantasy play
- Resists dressing, sleeping, using the toilet
- Lashes out without any self-control when angry or upset
- Cannot copy a circle
- Doesn't use sentences of more than three words
- Doesn't use "me" and "you" correctly

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Important Milestones By The End Of 5 Years (60 Months)

Children develop at their own pace, so it's impossible to tell exactly when yours will learn a given skill. The developmental milestones below will give you a general idea of the changes you can expect as your child gets older, but don't be alarmed if your child takes a slightly different course.

Movement

- Stands on one foot for 10 seconds or longer
- Hops, somersaults
- Swings, climbs
- May be able to skip

Hand and Finger Skills

- Copies triangle and other shapes
- Draws person with body
- Prints some letters
- Dresses and undresses without help
- Uses fork, spoon, and (sometimes) a table knife
- Usually cares for own toilet needs

Language

- Recalls part of a story
- Speaks sentences of more than five words
- Uses future tense
- Tells longer stories
- Says name and address

Cognitive Milestones

- Can count 10 or more objects
- Correctly names at least four colors
- Better understands the concept of time
- Knows about things used every day in the home (money, food, appliances)

Social

- Wants to please friends
- Wants to be like her friends
- More likely to agree to rules
- Likes to sing, dance, and act
- Shows more independence and may even visit a next-door neighbor by herself

Emotional Milestones

- Aware of gender
- Able to distinguish fantasy from reality
- Sometimes demanding, sometimes eagerly cooperative

Developmental Health Watch

Alert your child's doctor or nurse if your child displays any of the following signs of possible developmental delay for this age range.

- Acts extremely fearful or timid
- Acts extremely aggressively
- Is unable to separate from parents without major protest
- Is easily distracted and unable to concentrate on any single activity for more than five minutes
- Shows little interest in playing with other children
- Refuses to respond to people in general, or responds only superficially
- Rarely uses fantasy or imitation in play
- Seems unhappy or sad much of the time
- Doesn't engage in a variety of activities
- Avoids or seems aloof with other children and adults
- Doesn't express a wide range of emotions
- Has trouble eating, sleeping or using the toilet
- Can't tell the difference between fantasy and reality
- Seems unusually passive
- Cannot understand two-part commands using prepositions ("Put the doll on the bed, and get the ball under the couch.")
- Can't correctly give her first and last name
- Doesn't use plurals or past tense properly when speaking
- Doesn't talk about her daily activities and experiences
- Cannot build a tower of six to eight blocks
- Seems uncomfortable holding a crayon
- Has trouble taking off clothing
- Cannot brush her teeth efficiently
- Cannot wash and dry her hands

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Resources

"Learn The Signs. Act Early."

Web: www.cdc.gov/actearly

GOVERNMENT RESOURCES

- Centers for Disease Control and Prevention (CDC) National Center on Birth Defects and Developmental Disabilities
  Web: www.cdc.gov/ncbddd
- National Dissemination Center for Children with Disabilities
  Phone: 1-800-695-0285
  Web: www.nichcy.org/states.htm
- Department of Education
  Web: www.ed.gov/index.html
- Federal Interagency Coordinating Council (FICC)
  Phone: 1-202-245-7459, ext. 3
  Web: www.fed-icc.org
- State Health Insurance Program (SCHIP)
  Phone: 1-877-KIDS-NOW Web: www.insurekidsnow.gov

SPECIAL RESOURCES

- American Academy of Pediatrics
  Phone: 1-847-434-4000 Web: www.aap.org
- Parent to Parent-USA
  Web: www.p2pusa.org

AUTISM SPECTRUM DISORDERS (ASD)

- Autism Society of America (ASA)
  Phone: 1-800-3-AUTISM Web: www.autism-society.org
- Cure Autism Now
  Phone: 1-888-8-AUTISM Web: www.cureautismnow.org
- National Alliance for Autism Research
  Phone: 1-888-777-NAAR Web: www.naar.org
- Organization for Autism Research
  Phone: 1-703-351-5031
  Web: www.researchautism.org
- Autism Coalition
  Phone: 1-914-935-1462 Web: www.autismcoalition.org
- National Institute of Child Health & Human Development
  Web: www.nichd.nih.gov/autism
- CDC's National Immunization Program: "Vaccines and Autism" Internet Site
  Web: www.cdc.gov/nip/vacsafe/concerns/autism/default.htm

CEREBRAL PALSY

- United Cerebral Palsy
  Phone: 1-800-872-5827 Web: www.ucpa.org
- National Institute of Neurological Disorders and Stroke (NINDS)
  Web: www.ninds.nih.gov

MENTAL RETARDATION

- The Arc of the United States
  Phone: 1-301-565-3842 Web: www.thearc.org
- National Down Syndrome Society
  Phone: 1-212-460-9330 Web: www.ndss.org

HEARING LOSS

- Alliance for Technology Access
  Phone: 1-707-778-3011 Web: www.ataccess.org
- National Information Clearinghouse on Children who are Deaf-Blind
  Phone: 1-800-438-9376
  Web: www.tr.wou.edu/dblink

VISION LOSS

- National Information Clearinghouse on Children who are Deaf-Blind
  Phone: 1-800-438-9376
  Web: www.tr.wou.edu/dblink
- National Federation of the Blind
  Phone: 1-410-659-9314 Web: www.nfb.org
- American Council of the Blind
  Phone: 1-800-424-8666 Web: www.acb.org
- American Foundation for the Blind
  Phone: 1-800-232-5463 Web: www.afb.org

ATTENTION-DEFICIT/HYPERACTIVITY DISORDER (ADHD)

- CHADD National Resources Center
  Phone: 1-800-233-4050
  Web: www.help4adhd.org
- Children and Adults with Attention-Deficit/Hyperactivity Disorder (CHADD)
  Phone: 1-800-233-4050 Web: www.chadd.org
- Attention Deficit Disorder Association (ADDA)
  Phone: 1-484-945-2101 Web: www.add.org

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