

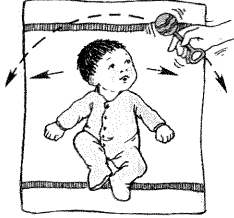
0-3 Months

3-6 Months

6-9 Months

Cognitive

- Looks back and forth between two objects
- Watches an object moved slowly through line of sight



- Looks toward noise
- Mouths toys
- Bangs toys
- Repeats arm or leg movement to cause an action to recur
- Pulls cloth from face
- Reaches for and grasps toy

- Drops toy without watching results
- Finds toy that is partially hidden
- Finds toy that is completely hidden (begins to understand that objects continue to exist even when they cannot be seen)
- Shakes toy
- Moves to get toy



Communicative

- Startled by loud noises
- Turns head toward speaker
- Makes noises other than crying
- Differentiated cry for fatigue, hunger, and pain

- Looks directly at speaker
- Vocalizes in response to speaker
- Vocalizes pleasure and pain
- Laughs out loud
- Self-initiated vocal play: coos, chuckles, gurgles, and laughs
- Pitch and intonation vary

- Imitates facial expressions, actions, and familiar sounds
- Comprehends parental gestures
- Looks at objects, family members, and pictures when named
- Babbles /m/, /n/, /t/, /d/, /b/, /p/, and /z/
- Vocalizes to another person
- Vocalizes differently for hunger, anger, and contentment

Social or Emotional

- Looks at adult face
- Stops crying when talked to, picked up, or comforted
- Turns at will toward or away from person or situation

- Smiles at own reflection in mirror
- Expresses desire to be picked up
- Smiles in response to speaker



- Expresses physical states such as anger, tiredness, excitement, and hunger
- Extends arms to familiar persons
- Responds differently to caregiver and strangers
- Interacts by smiling and cooing
- Infant-to-infant interactions increase
- Responds differently to children and adults
- Recognizes self in mirror



Adaptive

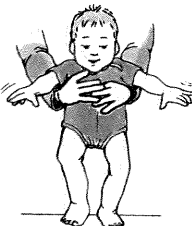
- Sucking reflex: sucks nipple when placed in mouth
- Rooting reflex: turns mouth toward hand rubbing cheek
- Opens mouth and sticks out tongue in anticipation of feeding when seeing breast or bottle
- Expresses displeasure when clothes are pulled over head
- Enjoys bath; keeps eyes open and indicates pleasure when placed in warm water
- Sleeps at 4- to 10-hour intervals

- Uses tongue to reject pureed foods
- Holds or supports bottle during feeding
- Sleeps through the night; takes 2-3 naps during the day

- Closes lips when swallowing
- Sleeps through the night; 1-2 naps during the day
- Brings food to mouth with whole hand
- Shows definite likes and dislikes for various foods

Physical Development

- Walking reflex: when held upright with feet resting on flat surface, lifts feet alternately in walking-like motion
- Closes fingers when light pressure is applied to open palm
- Lifts and rotates head
- Lifts head 45 degrees with support of elbows
- Kicks reciprocally when on back
- Extends both legs when on stomach



- Holds toy 10-15 seconds
- Holds small object
- Opens hand in anticipation of contact
- When pulled to sitting, holds head in line with body
- Brings hands together when lying on back
- Bounces when standing and supported by adult

- Rakes or scoops small objects with hand
- Transfers object from hand to hand
- Picks up objects easily
- Rolls from back to stomach
- Crawls forward on belly
- When sitting, extends arm if falling to the side
- Pulls self up to standing
- Holds small objects between thumb and index finger
- Sits alone briefly without support



9-12 Months

12-18 Months

18-24 Months

24-30 Months

Cognitive

- Adult starts and stops toy. After the toy's movement stops, the infant touches the toy or adult to reactivate the toy
- Turns over the blank side of a card to view picture
- Intentionally drops toy and watches it fall

Communicative

- Briefly stops behavior when told "no"
- Begins to relate names and objects
- Turns when called by name
- Gives object upon request
- Claps hands and waves on command
- Articulates most speech sounds
- Gestures/vocalizes wants and needs
- Directs others physically; pats, pulls, pushes, and tugs

Social or Emotional

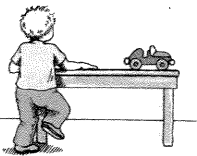
- Repeats actions that elicit laughter/attention from others
- Plays simple games: pat-a-cake, peek-a-boo
- Often attached to favorite toy or blanket
- Exhibits fear or reluctance toward strangers
- Expresses affection (e.g., hugging, patting)
- Expresses two or more emotions (e.g., pleasure, fear, sadness)

Adaptive

- Pulls off own socks
- Closes mouth on rim of cup but loses liquid from corners of mouth
- Feeds self finger foods
- Picks up cup and takes 4-5 swallows
- Begins to cooperate when being dressed (e.g., helps put arms in holes)
- Fusses when diaper needs to be changed
- Bowels move regularly

Physical Development

- Cruises holding on to furniture
- Can poke with index finger
- Stands alone momentarily
- Walks with adult holding one hand
- Creeps well
- Claps hands
- Corrals ball with arms and hands when sitting with legs spread apart
- Moves body to music



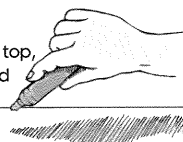
- Manages 3-4 toys by setting one aside when given a new toy
- Pulls object up from floor with string
- Gives toy to someone to wind up
- Activates toy after adult demonstration
- Rolls wheeled toys
- Places things in cup; dumps out contents
- Demonstrates use of everyday items (e.g., pretends to drink from cup)
- Looks at storybook pictures with adult, naming or pointing to familiar objects on request
- Uses stick to get out-of-reach toy
- Activates toy without adult demonstration
- Looks for familiar person who has left the room
- Spontaneously names objects
- Turns pages in book
- Inserts shapes into matching slots

- Says "Mama" or "Dada" discriminately
- Points to objects when named
- Responds vocally to "wh" questions
- Acknowledges others' speech by eye contact, speech, or repetition of the word said
- Uses sentence-like intonation (jargon); imitates some words
- Uses single words; says 3-20 words
- Protests by saying "no," shaking head, moving away, or frowning
- Points to wanted object
- Says "all gone," asks for "more"
- Teases, scolds, warns using gestures and vocalizations
- Responds to the directions "in" and "on"
- Says 50 words
- Names familiar objects
- Uses ritual words "hi," "bye"
- Understands approximately 300 words
- Listens as pictures are named
- Points to five body parts
- Responds to yes/no questions by shaking or nodding head
- Produces words with consonant-vowel-consonant structure
- Combines words to make two-word phrases
- Mean Sentence Length=1.8 words
- Uses commands (e.g., "move"), possessives (e.g., "mine"), reactions (e.g., "owee")
- Follows a series of two related commands (e.g., "Pick up the ball and give it to me")

- When faced with a novel situation, looks to parents for reassurance
- Shows emerging independence by moving around a familiar room in a playful, exploratory manner (still may require some supervision and encouragement)
- When playing on his or her own, may periodically return to the parent for reassurance and attention (likes to know adult is near)
- Plays alone for short periods
- Contacts with peers center on a toy, an adult, etc.
- Brings toy to share with caregiver
- Has temper tantrums when frustrated
- Frequently does the opposite of what he or she is asked to do
- Curious, gets into everything
- Often defiant; says "no" to many requests
- Enjoys simple make-believe
- Has difficulty sharing
- Usually plays alone even when other children are present
- Helps put things away
- Insists on trying to do many things without help (e.g., eating with spoon, drinking from cup)
- Engages in make-believe and pretend play
- Plays well for brief time in groups of two or three children

- Chews textured foods
- Spoon-feeds and drinks from cup independently—frequent spills
- Sleeps through the night; one nap during the day
- Cooperates when dressing and undressing
- Stirs with spoon
- Sips liquid from cup using a straw
- Begins using fork
- Squats, holds self, or verbalizes bowel and bladder needs (50% of the time)
- Brushes teeth with assistance
- Tries to wash own hands and face
- Removes loose clothing such as jacket or shorts without assistance

- Squats to play
- Kicks stationary ball forward
- Drops objects into small container
- Stacks 2-4 objects on top of one another
- Starts and stops in walking
- Walks up and down stairs with assistance, placing both feet on each step.
- Enjoys pushing or pulling toys while walking
- Takes independent steps
- Maintains balance while kneeling
- Walks backward
- Creeps backward down steps
- Holds crayon with fingers, hand on top, forearm turned so thumb is directed downward
- Scribbles vigorously with crayons or markers
- Imitates vertical strokes
- Walks on a straight line
- Stacks 4-6 objects
- Following demonstration, throws small ball overhand at least 3 feet
- Following demonstration, throws small ball underhand at least 3 feet



- Understands "one," "all" (e.g., Give me one block)
- Sequences related actions in play such as preparing food for doll, feeding it, wiping its mouth
- Matches an object to its picture
- Uses pretend objects in play
- Repeats finger play with words and actions
- Matches simple shapes such as circle, square, and triangle

- Understands approximately 500 words
- May omit some final consonants or substitute one consonant for another (e.g., /w/ for /r/)
- Says 200 words
- Mean Sentence Length=3.1 words
- Knows "big/little"
- Answers "what/where" questions (e.g., "What do you hear with?")
- Uses some regular plurals (e.g., cats)
- Asks basic questions ("Daddy gone?")
- Asks simple "what/where" questions (e.g., "What's that?")
- Whispers

- Asks for assistance when having difficulty
- Shy with strangers, especially adults
- Claims certain articles as being his or her own
- Attempts to comfort others in distress
- Sings familiar songs with adults
- Shows pride in accomplishments
- Separates from parent in familiar surroundings without crying



- Takes off own shoes, socks, and some pants
- Independently eats entire meal with spoon
- Tries to wash self
- Less frequent eliminations
- Sits on toilet for at least 1 minute supervised
- Puts on socks, coat, and shirt
- Opens door by turning handle

- Imitates circular, vertical, and horizontal strokes
- Rolls, pounds, and squeezes clay
- Stacks 6-7 blocks
- Walks up steps, alternating feet in adult fashion while holding on
- Jumps in place with both feet together
- Snips paper with scissors
- Catches ball from straight arm position trapping ball against chest
- Uses one hand consistently in most activities

30-36 Months

36-42 Months

42-48 Months

48-54 Months

Cognitive

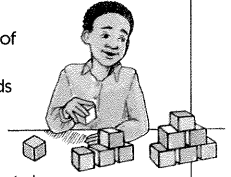


- Draws face from model
- Matches three colors
- Matches objects by color, shape, and size

- Counts by rote to 5
- Stacks rings on peg in order of size
- Understands "more" (e.g., more dogs)
- Listens to simple stories
- Names primary colors
- Makes horizontal train of cubes in imitation
- Builds bridge using three blocks



- Organizes pretend games (e.g., tea party, play house, etc.)
- Counts five objects
- Draws a human face
- Sorts by shapes, colors
- Tells own age and full name
- Matches objects that have the same function (e.g., comb and brush)
- Sorts objects into categories—may not be able to label categories (e.g., animals, food)
- Understands concept of the number 3 (e.g., "Give me 3")



- Builds pyramid of six blocks
- Plays with words (e.g., creates own rhyming words)
- Stacks five objects in order of size
- Sorts group of objects in more than one way (e.g., by shape and then by size)
- Copies own name
- Retells story from picture book with reasonable accuracy

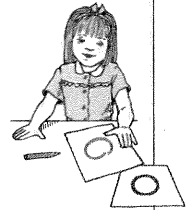
Communicative

- Understands approximately 900 words
- Points to pictures of common objects described by their use (e.g., "Show me what you eat with.")
- Knows third-person pronouns (e.g., he, she)
- Articulates /p/, /m/, /n/, /w/, and /h/
- Says 500 words
- Mean Sentence Length=3.4 words
- Refers to self by own name
- Uses pronouns (e.g., me, you, mine)

- Understands approximately 1,200 words
- Responds to two unrelated commands (e.g., "Put your cup on the table and turn off the TV.")
- Uses final consonants most of the time
- Says 800 words
- Mean Sentence Length = 4.3 words
- Uses regular past tense forms
- Beginning of question-asking stage using "what," "who," "why," and "how many"

- Knows "in front of" and "behind"
- Understands approximately 1,500–2,000 words
- Responds to three commands (e.g., "Pick up the spoon, put it in the cup, and bring it to me.")
- Articulates /b/, /d/, /k/, /g/, /f/, and /y/
- Mean Sentence Length=4.4 words
- Tells how common objects are used
- Does simple verbal analogies (e.g., "Daddy is a man, Mommy is a [blank].")
- Uses contractions (e.g., I'll, can't)

- Understands approximately 2,000–2,500 words
- Knows "between," "above," "below," "top," and "bottom"
- Few consonant omissions and substitutions
- Says 1,500 words
- Mean Sentence Length = 4.6 words
- Uses possessives consistently (e.g., boy's, cat's)
- Identifies first, last, and middle



Social or Emotional

- Says "please" and "thank you" when reminded
- Spends most group time in solitary activity, watching other children
- States whether he or she is a boy or a girl

- Calls attention to own performance
- Shares toys
- Uses complex speech in interactions with other children in play and social situations
- Shows affection to younger children by hugging and kissing



- Usually takes turns
- Spontaneously greets familiar person by hugging
- Shows empathy for others
- Separates from parents without crying
- Begins cooperative play
- Plays dress-up
- Shows off; repeats rhymes, songs, or dances for others
- Asks to use other person's belongings
- Plays group games with simple rules

- Shows pride in accomplishments
- Indicates that he or she feels sorry
- Usually prefers playing with other children to playing alone
- Talks about own feelings
- Understands rules of fair play
- Accepts mild, frequent teasing without becoming too agitated
- Waits for turn when playing in group games (e.g., red rover, steal the bacon, tag, relays)
- Selects own friends
- Has best friend of same gender

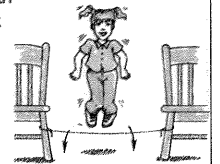
Adaptive

- Gets drink from fountain
- Stabs food with fork and brings to mouth
- Daytime control of toileting needs with occasional accidents

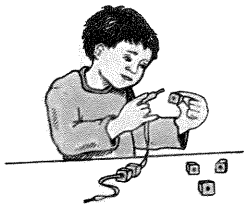
- Hangs clothing on hook
- Takes responsibility for toileting
- Washes hands unassisted
- Cleans up spills

- Sleeps through the night; no naps during the day
- Can pour milk and juice with some assistance
- Eats entire meal independently
- Uses all eating utensils
- Puts on boots and mittens
- Wipes nose; may need to be reminded
- Brushes teeth independently
- Tells adult of toilet needs in time to get to toilet
- Manipulates large buttons and snaps
- Gets drink from faucet without assistance
- Sets table with assistance
- Washes hands, face without assistance

- Independently fastens seatbelt in automobile
- Zippers efficiently
- Laces shoes
- Takes care of own toileting needs; often wants privacy in the bathroom
- Serves self at table (parent holds serving dish)
- Dresses and undresses independently, including front fastenings; requires assistance with ties and back fastenings



Physical Development



- Threads four small beads on string
- Copies drawing a circle
- Stands on one foot for 3 seconds
- Can jump over a string 2 inches off the floor

- Uses vertical, horizontal, and circular motions when drawing
- Hammers nails and pegs
- Pedals and steers small tricycle
- Kicks a large ball
- Cuts on line



- Copies drawing a cross
- Walks down steps, alternating feet
- Holds crayon between first two fingers and thumb, not with fist
- Forms simple shapes out of clay (e.g., ball, snake, pancake)
- Runs around obstacles, turns corners
- Climbs ladder of low play equipment
- Balances on one foot for 5–10 seconds without support
- Hops on one foot a few steps
- Walks on tiptoes for 3 seconds

- Jumps over objects 5–6 inches high; lands with feet together
- Cuts circle with scissors
- Walks, swinging arms and legs freely in cross pattern similar to adult walk pattern
- Builds steps with six blocks
- Draws a straight line to connect two dots that are approximately 5 inches apart
- Turns a somersault
- Gallops, leading with one foot and transferring weight smoothly and evenly

- Tells what is going to happen next
- Prints first name
- Recognizes a few printed words
- Understands "tallest," "biggest," "same," and "more"
- Counts 20 objects
- Classifies objects (e.g., toys, food, animals)
- Draws stick figure
- Draws objects without models
- Names most letters

- Matches letters
- Reads out loud numbers 1-10
- Understands "0" (zero) is the absence of quantity
- Names the weekdays in order
- Tells month and day of birth
- Tells own street and town
- Arranges numbered tiles or cards in proper sequence
- Draws person with 6 recognizable parts



- Points to coins when named (i.e., penny, nickel, dime, and quarter)
- Calculates single-digit addition and subtraction problems
- Writes first and last name from memory
- Writes numerals 1-19 without model
- Reads 10 printed words
- States preceding and following days and numbers

- Understands approximately 2,500-2,800 words
- Knows "heavy/light," "loud/soft," "like/unlike," and "long/short"
- May misarticulate a few difficult blends
- Says 2,000 words
- Mean Sentence Length=5.7 words
- Generates complex sentences (e.g., "We went to the store and bought milk.")
- Tells familiar stories without picture cues
- Understands the seasons of the year and what you do in each

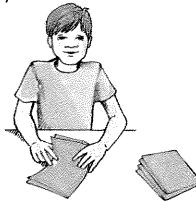
- Uses irregular plurals consistently (e.g., child/children)
- Understands approximately 13,000 words
- Understands "yesterday/tomorrow," "more/less," "some/many," "several/few," "most/least," "before/after," and "now/later"
- Articulates /t/, /ing/, /r/, and /l/
- Mean Sentence Length=6.6 words
- Understands "the opposite of" (e.g., "The opposite of 'hot' is [blank].")
- States similarities and differences between objects
- Uses superlative "-est"
- Uses all pronouns consistently
- Tells simple jokes

- Understands approximately 20,000-26,000 words
- Is aware of mistakes in other people's speech
- Understands roughly the difference in time intervals (e.g., minute, hour, day)
- Articulates voiceless /th/, /sh/, /ch/, and /j/
- Mean Sentence Length=7.3 words
- Uses mild slang and mild profanity
- Uses irregular comparatives correctly (e.g., good, better, best)
- Uses passive voice

- Shows concern and sympathy for others
- Explains rules of games to others
- Likes competitive games
- Gains attention from peers in appropriate ways

- Comforts friends in distress
- Confidently visits neighbors and their children
- Works alone at chore for 20 to 30 minutes
- Expresses anger with nonaggressive words rather than with physical actions
- States goal for him or herself and carries out activity

- Accepts valid criticism without crying, pouting, or refusing to continue
- Answers the phone, remembers a simple message, and delivers it to the correct person
- Realizes that other people have ideas and feelings that may be different from his or her own
- Accepts social rules but sees them as changeable (e.g., rules of a game can be changed if those playing agree)
- Often follows gender-specific stereotypes (e.g., boys shouldn't play with dolls)
- Chosen play groups are usually gender segregated (i.e., boys play with boys, girls play with girls)



- Toilets, wipes self, flushes toilet, and redresses independently
- Combs or brushes hair
- Uses table knife for spreading soft butter, jelly, and peanut butter
- Crosses the street safely

- Makes simple breakfast and lunch
- Sets and clears the table without assistance
- Ties initial knot in shoelace but may not complete knot
- Selects clothing appropriate for temperature and occasion
- Plans ahead to meet toileting needs before beginning an activity
- Has complete independence in bathing



- Mature grasp on pencil; fine movements present in hand
- Copies drawing a square
- Completes eight-piece puzzle without trial and error
- Walks balance beam that is 4 inches wide
- Swings on swing, maintaining own momentum; uses legs to propel
- Skips on alternating feet, maintaining balance
- Cuts simple shapes
- Colors within the lines
- Hops in a straight line on one foot



- Skips on alternating feet, maintaining balance
- Skates
- Places paper clip on paper
- Hand dominance is well established
- Pastes and glues appropriately
- When given a simple maze on paper, can complete the maze by drawing a line with a pencil from the beginning to the end
- Jumps rope by self
- Bounces and catches tennis ball
- Drops ball and kicks it forward before it hits the ground

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References

- Allan, K. E., & Marotz, I. (1989). *Developmental profiles*. Albany, NY: Delmar.
- Dunst, C. J. (1980). *A clinical and educational manual for use with the Uzgirls and Hunt Scales of Infant Psychological Development*. Austin, TX: PRO-ED.
- Dykes, M. K. (1980). *Developmental assessment for the severely handicapped*. Austin, TX: PRO-ED.

Folio, M. R., & Fewell, R. R. (2000). *Peabody Developmental Motor Scales—Second Edition*. Austin, TX: PRO-ED.

Gard, A., Gillman, L., & Gorman, J. (1993). *Speech language development chart* (2nd ed.). Austin, TX: PRO-ED.

Johnson-Martin, N., Jens, K. G., & Attermeier, S. M. (1986). *The Carolina curriculum for handicapped infants and infants at risk*. Baltimore: Brookes.

Linder, T. W. (1993). *Trans-disciplinary play-based assessment*. Baltimore: Brookes.

Vern, J. J., Serwatka, T. S., & Anthony, R. A. (1980). *Scale of social development*. Tulsa, OK: Modern Education Corporation.

Vores, J. K., & Maddox, T. (1998). *Developmental Assessment of Young Children*. Austin, TX: PRO-ED.