

PEDIATRIC GROWTH AND DEVELOPMENT STANDARDS

Age and Physical Characteristics	Motor Development	Psychosocial Socialization and Vocalization	Cognitive and Emotional Development
<p>18 months Anterior fontanelle closes. Abdomen protrudes. Arms and legs lengthen. Four cuspids appear. Fine muscle coordination begins to appear. Gains four to six pounds a year. Grows about four inches during second year.</p>	<p>Walks up stairs with help. Creeps downstairs. Walks without support. Walks with balance. Falls less frequently. Throws ball. Stoops to pick up toys. Turns pages of book. Holds and lifts cup. Builds three block tower. Picks up and places small beads in container. Begins to use spoon. Begins to run.</p>	<p>New awareness of strangers. Wants to explore everything in reach. Plays alone but near others. Dependent on parents but begins to reach for autonomy. Finds security in a blanket, toy, or thumb sucking. Uses phrases, imitates words. Points to objects named by adult. Follows directions and requests.</p>	<p>Imitates adult behavior. Retrieves toy from several hiding places.</p>
<p>Two years Protruding abdomen less noticeable. Landau reflex disappears. Height increases by 14 to 15 inches. Slight bowing of legs with a wide-based walk. Handedness may become apparent.</p>	<p>Walks up and down stairs. Opens doors, turns knobs. Steady gait. Holds drinking cup well with one hand. Uses spoon without spilling food but may prefer fingers. Kicks a ball in front of him without support. Builds a tower of four to six blocks. Scribbles. Rides tricycle or kiddie car (without pedals).</p>	<p>Has 200 - 300 words in vocabulary and uses "mine" constantly. Uses "no" as assertion of self. Begins to use short sentences. Refers to self by pronoun. Is possessive with toys. Resists restrictions on freedom. Has fear of parents' leaving. Parallel play. Dawdles. Resists bedtime; uses transitional objects (blanket, toy). Vacillates between dependence and independence</p>	<p>Obeys simple commands. Does not know right from wrong. Begins to learn about time sequences. Routines and rituals are important. May begin cooperation in toilet training.</p>
<p>Two to three years Legs are about 34% of body length. Weight gain is five pounds per year until age five. Full set of baby teeth by age two and a half. Second molars appear. Height gain of two to three inches. Lordosis and protuberant abdomen disappear.</p>	<p>Throws objects overhead. Pedals tricycle. Walks backward. Washes and dries hands. Begins to use scissors. Can string large beads. Can undress himself. Feeds self well. Tries to dance. Jumps in place. Builds tower of eight blocks. Balances on one foot. Swings and climbs. Can eat an ice cream cone. Can drink from a straw. Chews gum without swallowing it.</p>	<p>Developing independence - may say "no" to every command. Says name, age, sex. Talks in short sentences. Uses plurals. Attempts to sing simple songs. Has vocabulary of 900 words. Can repeat three numbers. Temper tantrums may result from frustration in wanting to do everything for self. Begins to play with others. Associative play. Fears become pronounced. Can handle short periods of separation from parents. Daytime bladder control; developing nighttime bladder control. More independent. Identifying gender roles. Explores outside environment. Creates different ways of getting desired outcome.</p>	<p>Increased attention span. Begins to ask "why". Rituals are important. Egocentric in thought and behavior. Mind and will of own. Can reflect on own behavior. Begins fantasy. Begins to understand what it means to take turns. Shows interest in colors. Can copy "o" and a vertical line.</p>