

## PEDIATRIC GROWTH AND DEVELOPMENT STANDARDS

Age and Physical Characteristics	Motor Development	Psychosocial Socialization and Vocalization	Cognitive and Emotional Development
<p><u>Nine to twelve years</u> Loses childish appearance of face. Growth spurts and some secondary sex characteristics appear. Increased height and weight. Increased perspiration and activity of sebaceous glands. Vasomotor instability. Increased fat deposits.</p> <p><u>Physical changes in girls</u> Pelvis increases in transverse diameter, hips broaden. Breast tissue tender. Appearance of pubic hair.</p> <p><u>Physical changes in boys</u> Size of testes increases, scrotum color changes, lightly pigmented hair at base of penis, increase in length and width of penis. Height and shoulder breadth increase.</p>	<p>Energetic, restless, active movements such as finger-drumming or foot tapping. Skillful manipulative movements nearly equal to those of adults. Works hard to perfect physical skills.</p>	<p>Gang becomes important and gang code takes precedence. Works out social patterns without adult interference. May strive for unreasonable independence from adult control. Interested in religion, morality. Increased interest in sexuality. Enjoys reading, TV, table games. Interested in active sports as a means to improve skills. Creative talents begin to appear.</p> <p>Can write for relatively long time with speed. Occasional privacy is important. Begins to have vocational aspirations.</p>	<p><u>10 years</u>-Likes to reason. Enjoys learning. Thinking is concrete. Wants to measure up to challenges. Likes to memorize, identify facts.</p> <p><u>11 years</u>-Likes action in learning. Concentrates well when working competitively. Can understand relational terms such as weight and size. Perceives space as nothingness that goes on forever. Is able to discuss problems. Understands body parts. Can describe some abstract terms.</p> <p><u>12 years</u>-Enjoys learning. Considers all aspects of a situation. Motivated more by inner drive than by competition. Able to classify, arrange, generalize. Likes to discuss and debate. Begins conceptual thinking. Verbal, formal reasoning. Recognizes moral of a story. Defines time as duration; likes to plan ahead. Understands that space is abstract. Can be critical of own work.</p>