Appendix A: Child Development Stages Matrix

Physical	Social & Emotional	Cognitive	Indicators of Developmental Concern	Positive Parenting Characteristics
✓ Rapid height &	✓ Concerned with	✓ From birth, infant	✓ Sucks poorly and	✓ Makes eye contact
weight gain	satisfaction of needs	begins to "learn" with	feeds slowly	with infant
✓ Reflexes: sucking,	✓ Smiles in response	eyes, ears, hands, etc.	✓ Doesn't follow objects	✓ Interact with infant by
grasping	to caregiver's voice	✓ Vocalizes sounds	with eyes	talking, smiling,
✓ Lifts head	✓ Prefers primary	(coos)	✓ Doesn't respond to	singing, etc.
✓ Responds to	caregiver to stranger	✓ Smiles when faces	loud sounds	✓ Gently rocks/bounces
sounds by blinking,		evoke memories of	✓ Doesn't grasp and hold	infant
startling, crying		pleasure	objects	✓ Picks infant up when
✓ Shows growing			✓ Doesn't smile at the	distressed
ability to follow			sound of the primary	 Allows for self-soothing
objects and to			caregiver's voice	(infant sucks
focus			-	fingers/pacifier, etc.)

3-6 Months

Physical	Social & Emotional	Cognitive	Indicators of Developmental Concern	Positive Parenting Characteristics
 ✓ Rolls over ✓ Holds head up when held in sitting position ✓ Lifts knees, makes crawling motions ✓ Reaches for objects 	✓ Begins to distinguish	 Has recognition memory for people, places, and objects Uses both hands to grasp objects Exhibits visual interests Joins with caregiver in paying attention to labeling objects and 	 ✓ Doesn't hold head up ✓ Doesn't coo, make sounds, or smile ✓ Doesn't respond to sounds or turn head to locate sounds ✓ Doesn't roll over in either direction ✓ Not gaining weight 	 ✓ Helps infant "practice" sitting ✓ Encourages floor time on a blanket for rolling and reaching ✓ Responds to fears, cries by holding, talking, and reassuring ✓ Talks and plays with infant
		events (4-6 months)		indit

6-12 Months

Physical	Social & Emotional	Cognitive	Indicators of Developmental Concern	Positive Parenting Characteristics
 ✓ Sits alone ✓ Feeds self-finger foods; holds own bottle (6-9 months) ✓ Crawls, pulls up, and walks with support (9-12 months) ✓ Baby teeth begin to emerge 	strangers approach (stranger anxiety) ✓ Shows signs of separation anxiety	 ✓ Finds objects hidden repeatedly in one place, but not when moved ✓ Plays peek-a-boo ✓ Has recall memory for people, places, and objects (9-12 months) ✓ Imitates speech sounds ✓ Says da-da and ma- ma and knows who these people are (10- 12 months) ✓ Uses preverbal gestures to communicate (by 12 months) 	 Doesn't smile or demonstrate joy Unable to sit without support Does not follow objects with both eyes Does not actively reach for objects Doesn't look or react to familiar caregivers Does not babble Shows no interest in playing peek-a-boo (by 8 months) 	 are not helpful ✓ Holds and cuddles baby ✓ Reads to baby ✓ Names objects when baby points to something

Physical	Social & Emotional	Cognitive	Indicators of Developmental Concern	Positive Parenting Characteristics
 Walks alone Manipulates small objects with improved coordination Drinks from a cup with a lid and uses a spoon Builds tower of 2 blocks Removes hat, socks, and shoes 	 ✓ Extends attachment for primary caregivers to the world; seems in love with the world and wants to explore everything ✓ Recognizes image of self in mirrors ✓ Solitary or parallel play ✓ Fears heights, separation, strangers, and surprises 	 ✓ Begins to show intentional behavior, initiates actions (drops, throws, shakes, bangs) ✓ Is curious about everything around him or her ✓ Sorts toys and other objects into groups ✓ Understands object permanence – realizes objects exist when out of sight and will look for them ✓ Says first words (mama, dada, doggie, bve-bye) 	 ✓ Not gaining weight ✓ Flat affect (no smiling) ✓ Not interested in play such as peek-a-boo ✓ Not taking steps ✓ Cannot hold spoon ✓ Doesn't look at 	 Encourages exploration Applauds child's efforts Interprets new/unfamiliar situations Talks to child in simple clear language about things going on in the environment

12-18 Months

18-24 Months

Physical	Socio-Emotional	Cognitive	Indicators of Developmental Concern	Positive Parenting Characteristics
✓ Runs and walks up		✓ Begins to make two-	✓ Cannot walk	 Provides opportunities
steps	to others as play	word combinations that		to choose
✓ Can help get	 May have temper 	mean something	least 6 words	 Sets appropriate limits
undressed	tantrums	✓ Imitates words readily	✓ Does not imitate	 Assists child in coping
✓ Drinks from a cup	✓ Shows affection to	and understands a lot	actions or words	with range of emotions
✓ Eats with a spoon	familiar people	more that he or she	✓ Cannot push a	✓ Support new
✓ Scribbles	✓ Plays simple	can say	wheeled toy	friendships and
spontaneously	pretend, such as	✓ Shows memory	✓ Does not follow simple	experiences
✓ Loves to practice	feeding a doll	improvements,	instructions	 Responds to wanted
new skills	✓ Explores alone but	understand cause and	✓ Doesn't notice or mind	behaviors more than
✓ Makes tower of 4	with caregiver close	effect; experiments to	when a caregiver	disciplining unwanted
blocks	by	see what will happen	leaves or returns	behaviors
		✓ Begins to sort shapes		
		and colors		

2-3 Years

Physical	Social & Emotional	Cognitive	Indicators of Developmental Concern	Positive Parenting Characteristics
 Has developed sufficient muscle control for toilet training Is highly mobile – skills are refined Uses spoon to feed self Throws and kicks a ball Disassembles simple objects and puts them back together Has refined eye- hand coordination- can do simple puzzles, string beads, stack blocks 	parents but sometimes has difficulty containing impulses ✓ Displays affection – especially for caregiver ✓ Initiates own play activity and occupies self ✓ Is able to	 Is capable of thinking before acting Explores language ability – becomes very verbal Enjoys talking to self and others Loves to pretend and to imitate people around him or her Enjoys creative activities – i.e., block play, art Thinks through and solves problems in head before acting (has moved beyond action-bound stage) 	 Cannot run, jump, or hop Cannot feed self with spoon Does not speak in simple sentences that use normal word order Does not enjoy make- believe games Does not spontaneously show affection for familiar playmates Does not express a wide range of emotions Does not separate easily from primary caregiver Does not object to major changes in routine 	 Provides opportunities for child to make choices Encourages independence and provides guidance with self-care (dressing, hand washing, etc.) Sings, plays, and dances with child Counts objects and identifies colors with child

3-4 Years				
Physical	Social & Emotional	Cognitive	Indicators of Developmental Concern	Positive Parenting Characteristics
 Continues to run, jump, throw, and catch with better coordination Walks up and dowr stairs, one foot on each step Rides tricycle Uses scissors Can button and lace Eats and dresses by self with supervision Uses toilet or potty- chair; bladder and bowel control are usually established 	 emotions become more common ✓ Forms first friendships ✓ Shows concerns for a crying friend ✓ May get upset with major changes in routine 	 Asks "why" questions – believes there is a reason for everything and he or she wants to know it Engages actively in symbolic play – has strong fantasy life, loves to imitate and role-play Speech can be understood by others Should be able to say about 500 to 900 words Understands some number concepts Converses and reasons Is interested in letters Scribbles in a more controlled way – is able to draw circles, recognizable objects 	 Falls down a lot or has trouble with stairs Drools or has very unclear speech Doesn't use sentences of more than three words Can't work simple toys (such as peg boards, simple puzzles, turning handle) Doesn't make eye contact Doesn't play pretend or make-believe Doesn't want to play with other children or with toys Lashes out without any self-control when angry or upset 	for gradual transitioning. <i>Example:</i> Provides warning of changes so child has time to shift gears: "We're leaving in 10 minutes" ✓ Points out colors and numbers in the course of everyday conversation ✓ Encourages independent activity to build self-reliance.

3-4 Years

		4-6 Years					
Physical Social & Emotional	Cognitive	Indicators of	Positive Parenting				
	Cognitive	Developmental Concern	Characteristics				
 Has refined muscle development and is better coordinated, so that he or she can learn new skills Has improved finger dexterity – ties shoes; draws more complex picture; writes name Climbs, hops, skips, and likes to do stunts. Gross motor skills increase in speed and endurance Often has "best friends" Likes to show adults what he or she can do Continually forming new images of self-based on how others view him or her 	Is developing longer attention span Understands cause and effect relationships Engages in more dramatic play and is closer to reality, pays attention to details Is developing increasingly more complex and versatile language skills Expresses ideas, asks questions, engages in discussions Speaks clearly Is able to draw representative pictures	 Developmental Concern Poor muscle tone, motor coordination Poor pronunciation, incomplete sentences Cognitive delays; inability to concentrate Cannot play cooperatively; lack curiosity, absent imaginative and fantasy play Social immaturity: unable to share or negotiate with peers; overly bossy, aggressive, competitive Attachment problems: overly clingy, superficial attachments, show little distress or over-react when separated from caregiver Excessively fearful, anxious, night terrors Lack impulse control, little ability to delay gratification Exaggerated response (tantrums, aggression) to even mild stressors Enuresis, encopresis, self-stimulating behavior – rocking, head-banging 	 Encourages exploration Applauds child's efforts Interprets new/unfamiliar situations Reinforces good behavior and achievements Encourages child to express feelings and emotions Encourages physical activity with supervision Gives child chances to make choices 				

4-6 Years

6-9 Years					
Physical	Social & Emotional	Cognitive	Indicators of Developmental Concern	Positive Parenting Characteristics	
 Gradual replacement of primary teeth by permanent teeth throughout middle childhood Fine motor skills: writing becomes smaller and more legible; drawings become more organized and detailed and start to include some depth Gross motor skills: can dress and undress alone; Organized games with rough-and- tumble play become more common 	 May have a special friend Likes action on television Enjoys books and stories May argue with other children but shows cooperation in play with a particular friend Self-concept includes identifying own personality traits and comparing self with others Becomes more responsible and independent Still obeys adults to avoid trouble Can adapt ideas about fairness to fit varied situations 	 Thought becomes more logical, helping the child categorize objects and ideas Can focus on more than one characteristic of concrete objects Attention becomes more selective and adaptable Can us rehearsal and organization as memory strategies Emotional intelligence is developing: self- awareness and understanding of own feelings; empathy for the feelings of others; regulation of emotion; delaying gratification Vocabulary increases rapidly Makes the transition from "learning to read" to "reading to learn" Carries on long conversation 	 These indicators may be present in any child between 6-11 years ✓ Low self-esteem ✓ Acts sad and/or nervous much of the time ✓ Aggressive much of the time (hits, fights, curses, breaks or throws objects) ✓ Exhibits poor impulse control ✓ Has difficulty concentrating or sitting still ✓ Scapegoated/ ignored by other children ✓ Poor grades ✓ Doesn't respond to positive attention/praise ✓ Seeks adult approval/attention excessively ✓ Suspicious/mistrustful of adults; doesn't turn to adults for help/comfort ✓ Little frustration tolerance; difficult to engage and keep interested in goal directed activity ✓ Cannot adapt behavior to different social settings ✓ Doesn't understand a person's identity remains the same regardless of outward changes (e.g., costume) ✓ Can't understand the difference between behavior and intent (breaking a lamp is equally bad regardless of whether on purpose or an accident) 	 Shows affection for child; recognizes accomplishments Helps child develop a sense of responsibility asks child to help with household tasks such as setting the table Talks with child about school, friends, and things to look forward to in the future Encourages child to think about consequences before acting Makes clear rules and sticks to them Engages in fun activities together Praises child for good behavior Supports child in takin on new challenges Gets involved in child's school 	

6-9 Years

9-11 Years					
Physical	Social & Emotional	Cognitive	Indicators of	Positive Parenting	
 ✓ Girls' adolescent grown spurt begins ✓ Gross motor skills are better coordinated (running, jumping, throwing and catching, kicking, batting, and dribbling) ✓ Reaction time improves, which contributes to motor skill development ✓ Fine motor skills improve; depth cues evident in drawings through diagonal placement, overlapping objects, and converging lines 	 ✓ Self-esteem rises ✓ Distinguishes between effort and luck as causes of successes and failures; can become critical of others quickly ✓ Has adaptive set of strategies for regulating emotion ✓ Peer groups emerge ✓ Friendships are based on the pleasure of sharing through activities or time spent together ✓ Sibling rivalry tends to increase 	 ✓ Planning improves ✓ Can apply several memory strategies at once ✓ Long-term knowledge base grows in size and organization ✓ Improves in cognitive self-regulation (monitoring and directing progress toward a goal) ✓ Grasps double meanings of words as reflected in comprehension of metaphors and humor ✓ Improved understanding of complex grammatical constructions ✓ Conversational strategies become more refined 	 Developmental Concern These indicators may be present in any child between 6-11 years Low self-esteem Acts sad and/or nervous much of the time Aggressive much of the time (hits, fights, curses, breaks or throws objects) Exhibits poor impulse control Has difficulty concentrating or sitting still Scapegoated/ ignored by other children Poor grades Doesn't respond to positive attention/praise Seeks adult approval/attention excessively Suspicious/mistrustful of adults; doesn't turn to adults for help/comfort Little frustration tolerance; difficult to engage and keep interested in goal directed activity Cannot adapt behavior to different social settings Doesn't understand a person's identity remains the same regardless of outward changes (e.g., costume) Can't understand the difference between behavior and intent (breaking a lamp is equally bad regardless of whether on purpose or an accident) 	 Characteristics Helps child develop own sense of right and wrong. Talks with child about risky things, peer pressure, etc. Encourages child to respect other people Spends quality time listening to child and talking about accomplishments and possible challenges Talks with child about normal physical and emotional changes of puberty Is affectionate and honest with child. 	

9-11 Years

11-15 Years					
Physical	Social & Emotional	Cognitive	Indicators of	Positive Parenting	
-			Developmental Concern	Characteristics	
 ✓ Period of rapid skeletal and sexual maturation ✓ Preoccupation with body image ✓ Acne may appear ✓ Boys ahead of girls in endurance and muscular strength ✓ Rapid growth may mean large appetite but less energy ✓ There is a wide variation in beginning and completion of puberty (body hair, increased perspiration and oil production in hair and skin. Girls: breast and hip development, onset of menstruation. Boys: growth in testicles and penis, wet dreams, deepening of voice) ✓ Increased possibility of acting on sexual desires 	 ✓ Critical of adults; annoyed by younger siblings; obnoxious to live with ✓ Wants unreasonable independence ✓ Dramatizes and exaggerates own positions; has many fears, worries, and tears ✓ Resists any show of affection ✓ Often moody; anger is common; resents being told what to do; rebels at routines ✓ Intense interest in teams and organized, competitive games; considers membership in clubs important; has whole gang of friends ✓ Girls show more interest in opposite sex than boys do ✓ Recognizes that 	 ✓ Thrives on arguments and discussions; challenges adults ✓ Increasingly able to memorize, think logically; engage in introspection ✓ Can plan realistically for the future; may have interest in earning money ✓ Is critical of own artistic products ✓ Interested in world and community; may read 	 ✓ By end of period, physically immature, small, not showing signs of puberty or secondary sex characteristics (wide range here; girls mature earlier) ✓ Poor motor skills, coordination ✓ Lack of peer group relationships and identification with peers ✓ Can't think hypothetically; doesn't consider consequences of actions ✓ Can't put him/herself in place of another; 	 Characteristics Is tolerant, understanding, and supportive Accepts youth's feelings but tries to help youth evaluate more objectively Avoids being defensive; child is not challenging the adult's authority Sets limits, but gives opportunities for independence whenever possible Answers questions about bodily changes openly and honestly Encourages group activities and discourages solo dating Doesn't nag boys about food intake and seeming "laziness" Discusses ways to manage and handle stress Finds ways to spend time together Provides consistent, loving discipline with limits, restrictions, and rewards 	

11-15 Years

15-21 Years				
Physical	Social & Emotional	Cognitive	Indicators of	Positive Parenting
,		9		
 By end of period, physically immature, small, not showing signs of puberty/ secondary sex characteristics (wide range; girls mature earlier) Poor motor skills, coordination Lack of peer group rel. and identification with peers Can't think hypothetically; doesn't consider consequences of actions Can't put him/herself in place of another; doesn't consider how behavior affects others Difficulty problem solving; doesn't work through systematically and weigh solutions Poor school performance Doesn't reject or question parental standards and express self through clothes, hair, and other lifestyle choices Poor self-esteem Emotional and behavioral problems (anxiety, depression, withdrawal, aggression, lack of impulse control, anti-social behavior) Withdrawal from friends and from activities once enjoyed Changes in eating Abuse of alcohol or drugs 	 Relationships with parents range from friendly to hostile Usually has many friends and few confidants Worries about failure May appear moody, angry, lonely, impulsive, self- centered, confused, and stubborn Has conflicting feelings about dependence and independence Girls may form 	 May lack information or self-assurance about personal skills and abilities Continuing formal operational thought with abstract, idealistic, logical, hypothetical- deductive reasoning, complex problem solving, and critical thinking May enjoy debating and arguing Has a strong sense of awareness May be judgmental 	 Developmental Concern Physically immature, small, not showing signs of puberty or secondary sex characteristics Unable to form or maintain satisfactory relationships with peers Can't put him/herself in place of another; doesn't consider how behavior affects others Poor self-esteem / guilt Overcompensates for negative self- esteem by being narcissistic, unrealistically self- complimentary; grandiose expectations for self Engages in self- defeating, testing, and aggressive, antisocial, or impulsive behavior Lacks capacity to manage intense emotions; moods change frequently and inconsistently Has emotional disturbances: depression, anxiety, post-traumatic stress disorder, attachment problems, conduct disorders 	 Recognizes and compliments physical maturity Provides accurate information on consequences of sexual activity Tries not to pry; but is available to talk and listen Maintains positive

Adapted from One or More of the Following Sources

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