Appendix A: Child Development Stages Matrix

0-3 Months

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 	 ✓ Smiles and laughs socially ✓ Responds to tickling ✓ Begins to distinguish own image in mirror from others' images 	 ✓ Has recognition memory for people, places, and objects ✓ Uses both hands to grasp objects ✓ Exhibits visual interests 	✓ 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	 ✓ Helps infant "practice" sitting ✓ Encourages floor time on a blanket for rolling and reaching ✓ Responds to fears, cries by holding, 	
objects		✓ Joins with caregiver in paying attention to labeling objects and events (4-6 months)	either direction ✓ Not gaining weight	talking, and reassuring ✓ Talks and plays with infant	

6-12 Months

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Physical	Social & Emotional	Cognitive	Indicators of Developmental Concern	Positive Parenting Characteristics	
Physical ✓ 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	Social & Emotional ✓ Indicates preference for primary caregivers ✓ May cry when strangers approach (stranger anxiety) ✓ Shows signs of separation anxiety ✓ Repeats performances for attention (9-12 months) ✓ Drops objects on purpose for others to pick up (10-12 months)	Cognitive ✓ 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 mama and knows who these people are (10-12 months) ✓ Uses preverbal gestures to			
	,	communicate (by 12 months)		-	

12-18 Months

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, bye-bye) 		 ✓ Encourages exploration ✓ Applauds child's efforts ✓ Interprets new/unfamiliar situations ✓ Talks to child in simple clear language about things going on in the environment

18-24 Months

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Physical	Socio-Emotional	Cognitive	Indicators of Developmental Concern	Positive Parenting Characteristics
✓ Runs and walks up	✓ Likes to hand things	✓ Begins to make two-	✓ Cannot walk	✓ Provides opportunities
steps	to others as play	word combinations that	✓ Does not speak at	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

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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 	 ✓ Has great difficulty sharing ✓ Has strong urges and desires, but is developing ability to exert self-control ✓ Wants to please 	 ✓ Is capable of thinking before acting ✓ Explores language ability – becomes very verbal ✓ Enjoys talking to self and others 	 ✓ Cannot run, jump, or hop ✓ Cannot feed self with spoon ✓ Does not speak in simple sentences that use normal word order 	 ✓ Provides opportunities for child to make choices ✓ Encourages independence and provides guidance with self-care (dressing,
self Throws and kicks a ball Disassembles simple objects and puts them back together Has refined eyehand coordination-	parents but sometimes has difficulty containing impulses ✓ Displays affection – especially for caregiver ✓ Initiates own play activity and occupies	✓ 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	 ✓ Does not enjoy makebelieve games ✓ Does not spontaneousl show affection for familiar playmates ✓ Does not express a wide range of emotions ✓ Does not separate easily from primary 	hand washing, etc.) ✓ Sings, plays, and dances with child ✓ Counts objects and identifies colors with child ✓ Encourages creativity
can do simple puzzles, string beads, stack blocks	self ✓ Is able to communicate and converse ✓ Begins to show interest in peers	(has moved beyond action-bound stage)	caregiver ✓ Does not object to major changes in routine	

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 down stairs, one foot on each step ✓ Rides tricycle ✓ Uses scissors ✓ Can button and lace ✓ Eats and dresses by self with supervision ✓ Uses toilet or pottychair; bladder and bowel control are usually established	✓ Emotional self-regulation improves ✓ Understands taking turns and sharing ✓ Self-conscious 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 	

4-6 Years

		4-6 Years		
Physical	Social & Emotional	Cognitive	Indicators of Developmental Concern	Positive Parenting 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 	 ✓ Plays cooperatively with peers ✓ Enhanced capacity to share and take turns ✓ Recognizes ethnic and sexual identification ✓ Displays independence ✓ Protects self and stands up for rights ✓ Identifies with parents and likes to imitate them ✓ Often has "best friends" ✓ Likes to show adults what he or she can do ✓ Continually forming new images of selfbased 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 ✓ Knows and can name members of family and friends ✓ Increased understanding of time 	 ✓ 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 ✓ Uses time-out for behavior that is not acceptable

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 a person's identity remains the same regardless of outward changes (e.g., costume) ✓ Can't understand a person's identity remains the same regardless of outward changes (e.g., costume) ✓ Can't understand a person's identity remains the same regardless of outward changes (e.g., costume) ✓ Can't understand a person's identity remains the same regardless of outward changes (e.g., costume) ✓ Can't understand a person's identity remains the same regardless of outward changes (e.g., costume)	 ✓ 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

9-11 Years				
Physical	Social & Emotional	Cognitive	Indicators of Developmental Concern	Positive Parenting Characteristics
✓ 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 	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 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)	 ✓ 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.

11-15 Years

		11-15 Years				
Physical So	ocial & Emotional	Cognitive	Indicators of	Positive Parenting		
			-			
✓ 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 ✓ Carrow Wallington Carrow Car	Critical of adults; Innoyed by younger Isiblings; obnoxious Independence Indepe	✓ 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 a great deal ✓ Needs to feel important and believe in something ✓ Social cognition: ○ Belief in an imaginary audience, that others are as preoccupied with one as oneself is (e.g., "everyone is looking at me") ○ Personal fable — belief in personal uniqueness (e.g., "no one understands me") and belief that self is invulnerable ("I won't get hurt") ✓ Able to understand other points of view, but tends to be egocentric	Developmental Concern ✓ 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; 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, antisocial behavior) ✓ Withdrawal from friends and from activities once enjoyed ✓ Changes in eating and sleeping habits ✓ Abuse of alcohol or drugs	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		

15-21 Years

Physical	Social & Emotional	Cognitive	Indicators of	Positive Parenting
	/ Dalatianahina with	•	Developmental Concern	Characteristics
 ✓ 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 identity and prepare for adulthood through establishing relationships and emotional bonds ✓ Interest in forming romantic relationships part of separation task; implies separation from family ✓ Cultural differences may cause conflict 	 ✓ 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 of adults or peers if they do not do what is "fair" ✓ Seriously concerned about the future ✓ Beginning to integrate knowledge leading to decisions about future 	 ✓ 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 selfesteem 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 relationship by being respectful and friendly ✓ Accepts feelings; doesn't overreact and avoids disapproval ✓ Recognizes and accepts current level of interest in opposite sex ✓ Encourages experiences with a variety of people (e.g., older, younger, different cultures) ✓ Encourages talking about and planning for future

Adapted from One or More of the Following Sources

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