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	✓ Smiles and laughs	✓ Has recognition	✓ Doesn't hold head up	✓ Helps infant "practice"
✓ Holds head up	socially	memory for people,	✓ Doesn't coo, make	sitting
when held in sitting	✓ Responds to tickling	places, and objects	sounds, or smile	✓ Encourages floor time
position	✓ Begins to distinguish	✓ Uses both hands to	✓ Doesn't respond to	on a blanket for rolling
✓ Lifts knees, makes	own image in mirror	grasp objects	sounds or turn head to	and reaching
crawling motions	from others' images	✓ Exhibits visual	locate sounds	✓ Responds to fears,
✓ Reaches for		interests	✓ Doesn't roll over in	cries by holding,
objects		✓ Joins with caregiver in	either direction	talking, and reassuring
		paying attention to	✓ Not gaining weight	✓ Talks and plays with
		labeling objects and		infant
		events (4-6 months)		

6-12 Months

		••		
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	 ✓ Indicates preference for primary caregivers ✓ May cry when strangers approach (stranger anxiety) ✓ Shows signs of separation anxiety 	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		Characteristics ✓ Discipline consists of redirecting to different activity. Sharp discipline, scolding, and verbal persuasion are not helpful ✓ Holds and cuddles baby ✓ Reads to baby ✓ Names objects when baby points to something
	,	communicate (by 12 months)		9

12-18 Months

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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	objects into groups ✓ Understands object permanence – realizes objects exist when out of sight and will look for them ✓ Says first words (mama, dada, doggie,	 ✓ 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
a spoon ✓ Builds tower of 2 blocks ✓ Removes hat,	 ✓ Recognizes image of self in mirrors ✓ Solitary or parallel play ✓ Fears heights, separation, strangers, and 	 ✓ 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 	✓ Not taking steps✓ Cannot hold spoon✓ Doesn't look at	clear language about things going on in the

18-24 Months

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

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

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	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	✓ Provides a sense of security by maintaining household routines and schedules ✓ Supports child's need for gradual transitioning. Example: 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.

4-6 Years

	Physical		Social & Emotional		Cognitive		Indicators of		Positive Parenting
	riiysicai		Social & Elliotional		Cognitive	D	evelopmental Concern		Characteristics
✓	Has refined muscle	✓	Plays cooperatively	✓	Is developing longer	/	Poor muscle tone,	/	Encourages exploration
	development and is		with peers		attention span		motor coordination	/	Applauds child's efforts
	better coordinated,	✓	Enhanced capacity to	✓	Understands cause	/	Poor pronunciation,	/	Interprets
	so that he or she		share and take turns		and effect relationships		incomplete sentences		new/unfamiliar
	can learn new skills	✓	Recognizes ethnic	✓	Engages in more	/	Cognitive delays;		situations
V	Has improved		and sexual		dramatic play and is		inability to concentrate	/	Reinforces good
	finger dexterity –	,	identification		closer to reality, pays	/	Cannot play		behavior and
	ties shoes; draws	✓	Displays	,	attention to details		cooperatively; lack		achievements
	more complex	,	independence	√	Is developing		curiosity, absent	/	Encourages child to
	picture; writes	✓	Protects self and		increasingly more		imaginative and fantasy		express feelings and
	name	,	stands up for rights		complex and versatile	,	play	,	emotions
~	Climbs, hops, skips,	V	Identifies with parents	,	language skills	/	Social immaturity:	~	Encourages physical
	and likes to do		and likes to imitate	~	Expresses ideas, asks		unable to share or	,	activity with supervision
	stunts. Gross	./	them		questions, engages in		negotiate with peers;	~	Gives child chances to
	motor skills	V	Often has "best friends"	/	discussions		overly bossy,	/	make choices
	increase in speed	/		v	Speaks clearly Is able to draw	/	aggressive, competitive	•	Uses time-out for
	and endurance	V	Likes to show adults what he or she can	v		Y	Attachment problems: overly clingy.		behavior that is not
			do	./	representative pictures Knows and can name		, ,,		acceptable
		./	Continually forming	•	members of family and		superficial attachments, show little distress or		
		٧	new images of self-		friends		over-react when		
			based on how others	./	Increased		separated from		
			view him or her	•	understanding of time		caregiver		
			view fill for fiel		diderstanding of time	/	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		

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 concepts of space, time, and dimension Can't differentiate real from pretend 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 		

9-11 Years

		9-11 Years		
Physical	Social & Emotional	Cognitive	Indicators of	Positive Parenting
✓ Girls' adolescent	✓ Self-esteem rises		Developmental Concern	Characteristics Helps child develop
✓ Giris 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		 ✓ 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 concepts of space, time, and dimension ✓ Can't differentiate real from pretend ✓ 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

Physical	Social & Emotional	Cognitive				
 ✓ 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 	 ✓ 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 differences exist between and within 	Cognitive ✓ 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	identification with peers ✓ Can't think hypothetically; doesn't consider consequences of actions ✓ Can't put him/herself in place of another;	Positive Parenting 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
-		_		
	 ✓ Relationships with parents range from friendly to hostile ✓ Usually has many friends and few confidants ✓ Worries about failure ✓ May appear moody, angry, lonely, impulsive, selfcentered, 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 Concerr ✓ 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

Chadwick Trauma-Informed Systems Project. (2013). Guidelines for Applying a Trauma Lens to a Child Welfare Practice Model (1st ed.). San Diego, CA: Chadwick Center for Children and Families.

Reducing the Trauma of Investigation, Removal and Initial Out-of-Home Placement Project. (2008-2009). Trauma Informed Practice Strategies for Caseworkers. Portland State University, Center for Improvement of Child and Family Services.

Child Welfare Trauma Training Toolkit. (2013). The National Child Traumatic Stress Network.

Child and Adolescent Development Resource Book. (2005). The Pennsylvania Child Welfare Training Program. University of Pittsburgh, School of Social Work.

Florida State University, Center for Prevention and Early Intervention. www.cpeip.fsu.edu

John Hopkins University. http://www.hopkinsmedicine.org/healthlibrary/conditions/pediatrics/your_childs_growth_and_development_85,P01019/

Centers for Disease Control and Prevention. http://www.cdc.gov/ncbddd/actearly/milestones/index.html