



IGNITE BY HATCH™ AND EARLY LEARNING MATTERS (ELM) ALIGNMENT



			Ignite™
Area	Foundation Skills	Activities	Description
	Oral Language	Understanding and using new words	Language & Communication/Receptive Language/Receptive Language/Level 1: Shows an understanding of basic words
			Language & Communication/Academic Vocabulary/Academic Vocabulary/Level 4: Applies an understanding of cross-curricular, prekindergarten level tier 2 words
			Language & Communication/Academic Vocabulary/Academic Vocabulary/Level 5: Applies an understanding of some cross-curricular, kindergarten-level Tier 2 words
		Understanding and remembering key information in a book	Literacy/Reading/Comprehension - Fiction/Level 5: Interacts during a read-aloud with call and response or movements
			Literacy/Reading/Comprehension - Fiction/Level 6: Answers simple recall questions about a text with short, predictable sentences that directly relate to illustrations
			Literacy/Reading/Comprehension - Fiction/Level 7: Recalls the order of events after reading a text
	Understanding how to draw inferences from book information	Literacy/Reading/Comprehension - Fiction/Level 8: Makes simple predictions and inferences about a text	
	Identifying sounds	Literacy/Phonological Awareness/Alliteration/Level 2: Recognizes when groups of words begin with the same onset	
		Literacy/Phonological Awareness/Alliteration/Level 3: Distinguishes if two words start with the same onset	

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Language/Literacy	Phonological awareness	Recognizing, naming, and suggesting words that rhyme	Literacy/Phonological Awareness/Rhyming/Level 2: Determines if two words rhyme
			Literacy/Phonological Awareness/Rhyming/Level 3: Matches rhyming words
			Literacy/Phonological Awareness/Rhyming/Level 4: Determines which word does not rhyme
			Literacy/Phonological Awareness/Rhyming/Level 5: Sorts words by rhyme
		Forming and segmenting compound words	Literacy/Phonological Awareness/Rhyming/Level 6: Fills in rhyming words
			Literacy/Phonological Awareness/Blending/Level 1: Combines two words to make a compound word
		Segmenting words into syllables and blending syllables	Literacy/Phonological Awareness/Segmenting/Level 2: Segments compound words into two words
			Literacy/Phonological Awareness/Blending/Level 3: Combines syllables to form words
	Identifying the initial sounds of familiar words	Literacy/Phonological Awareness/Segmenting/Level 4: Segments words into syllables	
	Blending the two initial sounds (body) with the ending sounds (coda) of one-syllable word	Literacy/Phonological Awareness/Alliteration/Level 4: Isolates the onset in words	
	Blending the initial sound (onset) with the remaining sounds (rime) of one-syllable word	Literacy/Phonological Awareness/Blending/Level 5: Blends phonemes to form simple words	
	Identifying final sound	Literacy/Phonological Awareness/Blending/Level 4: Blends onsets and rimes to make one-syllable words	
	Letter Knowledge	Letter sounds	Literacy/Phonics/Letter–Sound Correspondence/Level 3: Identifies less than 10 letters based on their sounds
Literacy/Phonics/Letter–Sound Correspondence/Level 4: Identifies 10 uppercase letters based on their sounds			
Literacy/Phonics/Letter–Sound Correspondence/Level 5: Identifies 15 uppercase and 10 lowercase letters based on their sounds			

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			Literacy/Phonics/Letter–Sound Correspondence/Level 6: Identifies all uppercase and 20 lowercase letters based on their sounds
			Literacy/Phonics/Letter–Sound Correspondence/Level 7: Identifies all 26 uppercase and lowercase letters based on their sounds
			Literacy/Phonics/Letter–Sound Correspondence/Level 8: Identifies vowels based on long vowel sounds
		Identifying uppercase letters	Literacy/Phonics/Alphabet Knowledge/Level 3: Recognizes 10 uppercase letters
			Literacy/Phonics/Alphabet Knowledge/Level 4: Recognizes 18 uppercase and 15 lowercase letters
			Literacy/Phonics/Alphabet Knowledge/Level 5: Recognizes 26 uppercase and 20 lowercase letters
	Literacy/Phonics/Alphabet Knowledge/Level 6: Identifies all 26 uppercase and lowercase letters		
	Literacy/Phonics/Alphabet Knowledge/Level 7: Rapidly identifies all 26 uppercase and lowercase letters		
	Print Knowledge	Understanding how books work	Literacy/Reading/Concepts of Print/Level 1: Identifies appropriate book orientation
			Literacy/Reading/Concepts of Print/Level 2: Distinguishes print from pictures
			Literacy/Reading/Concepts of Print/Level 3: Demonstrates an understanding of print directionality
			Literacy/Reading/Concepts of Print/Level 4: Identifies book parts and features
			Literacy/Reading/Concepts of Print/Level 7: Tracks written text along with spoken text
			Literacy/Reading/Concepts of Print/Level 8: Identifies features of nonfiction texts
Understanding how sentences work		Literacy/Reading/Concepts of Print/Level 5: Distinguishes letters from words	
		Literacy/Reading/Concepts of Print/Level 6: Distinguishes between uppercase and lowercase letters	

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Writing		Beginning skills in forming letters and words	Literacy/Writing/Writing Development/Level 1: Makes scribble marks
			Literacy/Writing/Writing Development/Level 2: Draws pictures to convey meaning
			Literacy/Writing/Writing Development/Level 3: Writes shape-like symbols
			Literacy/Writing/Writing Development/Level 4: Writes letter strings
			Literacy/Writing/Writing Development/Level 5: Writes letter strings with spaces
			Literacy/Writing/Writing Development/Level 6: Labels a picture with at least the initial sound
			Literacy/Writing/Writing Development/Level 7: Uses invented or phonetic spelling
			Literacy/Writing/Writing Development/Level 8: Uses capital letters at the beginning of a sentence and ending punctuation
		Understanding small numbers	Mathematics/Counting and Cardinality/Number Sequencing/Level 1: Listens to number chants and songs
			Mathematics/Counting and Cardinality/Number Sequencing/Level 2: Orders quantities 0-5
			Mathematics/Counting and Cardinality/Number Sequencing/Level 3: Recognizes numerals 0-5
			Mathematics/Counting and Cardinality/Number Sequencing/Level 4: Recognizes numerals 0-10
			Mathematics/Counting and Cardinality/Number Sequencing/Level 6: Orders numerals 0 to 10 forward and backward
			Mathematics/Counting and Cardinality/Set Counting/Level 1: Touches one object for each number said for sets up to 5
			Mathematics/Counting and Cardinality/Set Counting/Level 2: Counts up to 5 objects
			Mathematics/Counting and Cardinality/Set Counting/Level 3: Counts up to 10 objects

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Mathematics	Number Knowledge		Mathematics/Counting and Cardinality/Set Counting/Level 4: Produces sets of up to 5 objects
		Mathematics/Counting and Cardinality/Set Counting/Level 5: Produces sets of up to 10 objects	
		Mathematics/Counting and Cardinality/Set Counting/Level 6: Counts sets of up to 20 objects	
		Mathematics/Counting and Cardinality/Set Counting/Level 7: Produces sets of up to 20 objects	
		Mathematics/Counting and Cardinality/Set Counting/Level 8: Counts sets of up to 30 objects	
		Understanding comparison words used with number quantities	Mathematics/Counting and Cardinality/Comparing Quantities/Level 8: Generates sets that are greater or less than a given number up to 20
		Mathematics/Counting and Cardinality/Comparing Quantities/Level 3: Correctly chooses the set of objects that has more or less when shown two sets that vary greatly in quantity	
		Mathematics/Counting and Cardinality/Comparing Quantities/Level 6: Determines “how many” more are in the larger set when provided sets with up to 10 objects	
		Mathematics/Counting and Cardinality/Comparing Quantities/Level 8: Generates sets that are greater or less than a given number up to 20	
		One-to-one counting	Mathematics/Counting and Cardinality/Set Counting/Level 1: Touches one object for each number said for sets up to 5
		Mathematics/Counting and Cardinality/Comparing Quantities/Level 1: Places objects into a set structure that forces one-to-one correspondence	
		Mathematics/Counting and Cardinality/Comparing Quantities/Level 2: Pairs objects using one-to-one correspondence to compare two sets	
		Understanding that the last number counted indicates “how many”	Mathematics/Counting and Cardinality/Set Counting/Level 2: Counts up to 5 objects
		Mathematics/Counting and Cardinality/Set Counting/Level 3: Counts up to 10 objects	
		Mathematics/Counting and Cardinality/Set Counting/Level 4: Produces sets of up to 5 objects	

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			Mathematics/Counting and Cardinality/Set Counting/Level 5: Produces sets of up to 10 objects
			Mathematics/Counting and Cardinality/Set Counting/Level 6: Counts sets of up to 20 objects
			Mathematics/Counting and Cardinality/Set Counting/Level 7: Produces sets of up to 20 objects
			Mathematics/Counting and Cardinality/Set Counting/Level 8: Counts sets of up to 30 objects
		Recognizing and naming numerals	Mathematics/Counting and Cardinality/Number Sequencing/Level 3: Recognizes numerals 0-5
			Mathematics/Counting and Cardinality/Number Sequencing/Level 4: Recognizes numerals 0-10
			Mathematics/Counting and Cardinality/Number Sequencing/Level 7: Recognizes 11-20
		Understanding the concept of "one more"	Mathematics/Counting and Cardinality/Comparing Quantities/Level 8: Generates sets that are greater or less than a given number up to 20
		Geometric and spatial knowledge	Recognizing and labeling basic shapes
	Mathematics/Geometry/2D Shapes/Level 2: Matches two identical simple shapes (square, triangle, circle) that have different sizes and orientations		
	Mathematics/Geometry/2D Shapes/Level 3: Names a circle, square, and triangle when shown a prototypical shape (e.g., an equilateral triangle, a square rotated 45 degrees, or an elongated rectangle)		
	Mathematics/Geometry/2D Shapes/Level 4: Completes a pattern block puzzle by choosing the correct shapes to fit in each piece		
	Mathematics/Geometry/3D Shapes/Level 2: Identifies 3D shapes		
Mathematics/Geometry/3D Shapes/Level 3: Matches common 3D shapes (cone, cylinder, cube, sphere) that have different sizes and orientations			

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		Creating basic shapes	Mathematics/Geometry/Composing Shapes/Level 6: Draws basic 2D shapes
			Mathematics/Geometry/Composing Shapes/Level 7: Composes simple shapes to form larger shapes
			Mathematics/Geometry/Composing Shapes/Level 8: Partitions shapes into simple shapes
		Recognizing how shapes are related to each other	Mathematics/Geometry/2D Shapes/Level 5: Identifies what 2D shapes create the faces of 3D objects
			Mathematics/Geometry/2D Shapes/Level 7: Compares 2D shapes
			Mathematics/Geometry/3D Shapes/Level 8: Compares basic 3D shapes
	Recognizing variations of basic shapes	Mathematics/Geometry/2D Shapes/Level 7: Compares 2D shapes	
		Mathematics/Geometry/3D Shapes/Level 4: Given a 3D shape, identifies an object in the environment with that shape	
	Pattern knowledge	Identifying basic patterns	Mathematics/Operations and Algebraic Thinking/Patterns/Level 1: Copies ABAB patterns
		Creating basic patterns	Mathematics/Operations and Algebraic Thinking/Patterns/Level 3: Creates simple repeating patterns
		Creating more complex patterns	Mathematics/Operations and Algebraic Thinking/Patterns/Level 6: Creates varied repeating patterns
Measurement knowledge	Assigning number values when measuring	Mathematics/Math Applications/Measurement/Level 8: Uses standard measurement tools to compare two objects	
	Using basic measurement skills	Mathematics/Math Applications/Measurement/Level 1: Orders up to three objects by length and height	
		Mathematics/Math Applications/Measurement/Level 2: Identifies the object that is longer, taller, or shorter	
		Mathematics/Math Applications/Measurement/Level 3: Builds towers that are either shorter or taller than an object	
	Mathematics/Math Applications/Measurement/Level 4: Fills in containers with objects to compare volumes		

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			Mathematics/Math Applications/Measurement/Level 5: Orders up to 10 objects by length and height
			Mathematics/Math Applications/Measurement/Level 6: Indirectly compares the lengths of two objects by using a third object
			Mathematics/Math Applications/Measurement/Level 7: Uses a nonstandard unit of measurement to measure and compare objects
		Understanding and using standard forms of measurement	Mathematics/Math Applications/Measurement/Level 8: Uses standard measurement tools to compare two objects
Self-Regulation	Self-Control	Self-control of behaviors	Social-Emotional Development/Responsible Decision-Making/Responsible Decision-Making/Level 4: Identifies examples of responsible decisions
			Social-Emotional Development/Responsible Decision-Making/Responsible Decision-Making/Level 5: Demonstrates an understanding of the importance of self-management skills
			Social-Emotional Development/Responsible Decision-Making/Responsible Decision-Making/Level 6: Demonstrates an understanding of how personal feelings can influence individual actions
			Social-Emotional Development/Responsible Decision-Making/Responsible Decision-Making/Level 7: Describes how personal choices lead to actions and/or consequences
			Social-Emotional Development/Responsible Decision-Making/Responsible Decision-Making/Level 8: Demonstrates an understanding of the importance of taking responsibility for one's actions
		Self-control of emotions	Social-Emotional Development/Responds to Emotions/Level 1: Engages in breathing exercises to learn to calm self
			Social-Emotional Development/Responds to Emotions/Level 2: Identifies appropriate ways to respond to basic negative emotions (scared, mad, sad)
			Social-Emotional Development/Responds to Emotions/Level 3: Identifies appropriate ways to manage basic negative emotions (scared, mad, sad)
			Social-Emotional Development/Responds to Emotions/Level 4: Identifies appropriate ways to respond to basic positive emotions (happy)

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			Social–Emotional Development/Responds to Emotions/Level 5: Identifies appropriate ways to respond to more complex negative emotions (embarrassed, disappointed, surprised)
			Social–Emotional Development/Responds to Emotions/Level 6: Identifies appropriate ways to manage more complex negative emotions (embarrassed, disappointed, surprised)
			Social–Emotional Development/Responds to Emotions/Level 7: Identifies appropriate ways to respond to more complex positive emotions (calm, surprised)
			Social–Emotional Development/Responds to Emotions/Level 8: Recognizes that others may have a different emotional response than their own
		Self-control of thoughts	
	Concentration	Concentrating on an experience	All Ignite™ Activities
		Concentrating on self	
		Concentrating on others	
	Executive function	Paying attention and flexibly shifting focus	All Ignite™ Activities
		Holding onto and using information	All Ignite™ Activities
Inhibiting thoughts and responses inappropriate to situation		All Ignite™ Activities	
Relationship Skills	Initiating Play		
	Sharing, taking turns, and cooperating with peers or adults		
	Solving social problems	Social–Emotional Development/Solving Social Problems/Level 1: Recognizes social problems	
		Social–Emotional Development/Solving Social Problems/Level 2: Identifies prosocial behaviors	
		Social–Emotional Development/Solving Social Problems/Level 3: Identifies classroom routines and procedures that prevent social problems from occurring	

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Social-Emotional			Social–Emotional Development/Solving Social Problems/Level 4: Identifies appropriate solutions for social problems involving basic emotions
			Social–Emotional Development/Solving Social Problems/Level 5: Identifies strategies for addressing own emotions in social problems
			Social–Emotional Development/Solving Social Problems/Level 6: Applies strategies for solving social problems in familiar situations
			Social–Emotional Development/Solving Social Problems/Level 7: Identifies appropriate solutions for social problems involving more complex emotions
			Social–Emotional Development/Solving Social Problems/Level 8: Applies strategies for solving social problems in new situations
		Being friendly and helpful	
	Emotion knowledge	Understanding different emotions	Social–Emotional Development/Identifying Emotions/Level 1: Identifies basic emotions (happy, sad, angry/mad, and scared)
			Social–Emotional Development/Identifying Emotions/Level 2: Demonstrates causes of basic emotions
			Social–Emotional Development/Identifying Emotions/Level 3: Identifies more complex emotions (calm, surprised, embarrassed, and disappointed)
			Social–Emotional Development/Identifying Emotions/Level 4: Demonstrates causes of more complex emotions
			Social–Emotional Development/Identifying Emotions/Level 5: Identifies a variety of facial expressions as they relate to basic emotions
			Social–Emotional Development/Identifying Emotions/Level 6: Connects basic emotions to a variety of facial expressions and body language cues
			Social–Emotional Development/Identifying Emotions/Level 7: Identifies a variety of facial expressions as they relate to more complex emotions
Social–Emotional Development/Identifying Emotions/Level 8: Connects more complex emotions to a variety of facial features and body language cues			

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		Managing emotions	<p>Social–Emotional Development/Responds to Emotions/Level 1: Engages in breathing exercises to learn to calm self</p> <p>Social–Emotional Development/Responds to Emotions/Level 2: Identifies appropriate ways to respond to basic negative emotions (scared, mad, sad)</p> <p>Social–Emotional Development/Responds to Emotions/Level 3: Identifies appropriate ways to manage basic negative emotions (scared, mad, sad)</p> <p>Social–Emotional Development/Responds to Emotions/Level 4: Identifies appropriate ways to respond to basic positive emotions (happy)</p> <p>Social–Emotional Development/Responds to Emotions/Level 5: Identifies appropriate ways to respond to more complex negative emotions (embarrassed, disappointed, surprised)</p> <p>Social–Emotional Development/Responds to Emotions/Level 6: Identifies appropriate ways to manage more complex negative emotions (embarrassed, disappointed, surprised)</p> <p>Social–Emotional Development/Responds to Emotions/Level 7: Identifies appropriate ways to respond to more complex positive emotions (calm, surprised)</p> <p>Social–Emotional Development/Responds to Emotions/Level 8: Recognizes that others may have a different emotional response than their own</p>
	Perspective-taking	Understanding another person’s perspective	Social–Emotional Development/Responds to Emotions/Level 8: Recognizes that others may have a different emotional response than their own
	Personal responsibility	Understanding and taking personal responsibility	Social-Emotional Development/Responsible Decision-Making/Responsible Decision-Making/Level 8: Demonstrates an understanding of the importance of taking responsibility for one’s actions
	Appreciation of individual and family diversity	Understanding some of the ways individuals are unique	<p>Social Studies/Self-Identity/Level 4: Identifies various characteristics and interests that appeal to themselves</p> <p>Social Studies/Self-Identity/Level 5: Draws a self-portrait with at least one characteristic or interest included</p> <p>Social Studies/Self-Identity/Level 8: Draws a picture of themselves engaged in an activity, tradition, sport, or hobby</p>

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Social Studies		Understanding some of the ways families are unique	Social Studies/Self-Identity/Level 3: Draws a picture that resembles their family
			Social Studies/Self-Identity/Level 6: Draws a picture resembling their family, including interests or traditions of the family
	Knowledge of social/physical environments	Characteristics of physical environments	
		Characteristics of social environments	Social Studies/Global Connections/Global Connections/Level 8: Describes the connections between people and places around the globe
	Concepts of time	Understanding yesterday, today, tomorrow, morning, afternoon	
		Understanding how families lived long ago	
	Appreciation and knowledge of creative expression	Understanding how an artist creates art	
		Understanding basic dance concepts	
		Understanding music concepts	
		Understanding drama concepts	
Creative Expression	Skills that support creative expression	Creating one's own artwork	Social Studies/Self-Identity/Level 1: Draws a self-portrait
			Social Studies/Self-Identity/Level 2: Draws a picture of their home
			Social Studies/Self-Identity/Level 3: Draws a picture that resembles their family
			Social Studies/Self-Identity/Level 4: Identifies various characteristics and interests that appeal to themselves
			Social Studies/Self-Identity/Level 5: Draws a self-portrait with at least one characteristic or interest included
			Social Studies/Self-Identity/Level 6: Draws a picture resembling their family, including interests or traditions of the family
			Social Studies/Self-Identity/Level 7: Draws a picture of their home that includes family-specific details

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			Social Studies/Self-Identity/Level 8: Draws a picture of themselves engaged in an activity, tradition, sport, or hobby
			Social Studies/Self-Identity/Level 8B: Draws two pictures of themselves to show how they have changed over time
		Exploring basic dance movements	
		Creating music	
		Creating drama	
Science	Inquiry skills	Using inquiry skills	All Ignite™ Science & Technology Activities
	Understanding basic characteristics of:	Living and nonliving things	Science & Technology/Life Science/Level 1: Identifies at least one living thing
			Science & Technology/Life Science/Level 2: Identifies at least three living things
			Science & Technology/Life Science/Level 3: Identifies the basic needs of living things (air, water, food, shelter)
			Science & Technology/Life Science/Level 4: Identifies how living things change over time
		Science & Technology/Life Science/Level 5: Identifies living things and their basic needs and how they grow and change over time	
		Science & Technology/Life Science/Level 6: Classifies plants based on observable characteristics	
		Science & Technology/Life Science/Level 7: Identifies basic parts of plants	
		Science & Technology/Life Science/Level 8: Identifies interdependencies of living things	
		Life cycles	Science & Technology/Life Science/Level 4: Identifies how living things change over time
			Science & Technology/Life Science/Level 5: Identifies living things and their basic needs and how they grow and change over time
	Habitats	Science & Technology/Earth Science/Earth Science/Level 7: Makes a model to show the relationship between the needs of different plants or animals (including humans) and the places they live	

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		Earth and space	<p>Science & Technology/Earth Science/Level 1: Identifies materials in the environment</p> <p>Science & Technology/Earth Science/Level 2: Identifies changes and properties in the Earth's environment</p> <p>Science & Technology/Earth Science/Level 3: Analyzes patterns in weather and the effects of weather on the Earth's environment</p> <p>Science & Technology/Earth Science/Level 4: Evaluates changes to the Earth's environment</p> <p>Science & Technology/Earth Science/Level 5: Demonstrates an understanding of the importance of caring for the environment</p> <p>Science & Technology/Earth Science/Earth Science/Level 6: Demonstrates an understanding of how plants and animals (including humans) can change the environment to meet their needs</p> <p>Science & Technology/Earth Science/Earth Science/Level 7: Makes a model to show the relationship between the needs of different plants or animals (including humans) and the places they live</p> <p>Science & Technology/Earth Science/Earth Science/Level 8: Describes solutions that will reduce the impact that humans have on land, water, air, and/or other living things in the environment</p>
	Motor Development	Gross motor	
		Fine motor	<p>All Ignite™ Activities</p> <p>Physical Development/Fine Motor/Level 6: Uses one finger to make small movements</p> <p>Physical Development/Fine Motor/Level 7: Uses fingers to manipulate small objects</p> <p>Physical Development/Fine Motor/Level 8: Uses fingers to manipulate, reposition, or resize small objects in that hand</p>
		Knowledge of safety rules, routines, and emergency procedures	<p>Physical Development/Health and Safety/Level 1: Demonstrates an understanding of personal safety practices and routines</p> <p>Physical Development/Health and Safety/Level 2: Identifies ways to play safely</p> <p>Physical Development/Health and Safety/Level 3: Identifies behaviors that promote health and safety</p>

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Physical/Health	Good health practices		Physical Development/Health and Safety/Level 4: Applies knowledge and skills related to health promotion, disease prevention, and health maintenance
			Physical Development/Health and Safety/Level 5: Identifies, avoids, and alerts others to danger
		Knowledge of how to take good physical care of self	Physical Development/Self-Care/Level 1: Identifies self-care routines and scenarios
			Physical Development/Self-Care/Level 2: Identifies basic processes for self-care (handwashing, feeding, and toileting)
			Physical Development/Self-Care/Level 3: Identifies objects needed for basic self-care activities
			Physical Development/Self-Care/Level 4: Identifies steps of a morning routine
			Physical Development/Self-Care/Level 5: Demonstrates an understanding of daily routine and self-care processes
			Physical Development/Self-Care/Level 6: Explores relaxing self-care activities
			Physical Development/Self-Care/Level 7: Practices deep breathing and reciting positive affirmations
			Physical Development/Self-Care/Level 8: Explores appropriate self-care activity based on a given mood