

The Vine Assessment System™

by LifeCubby

*A Fully Integrated Platform for Observation,
Daily Reporting, Communications and Assessment*

For Early Childhood Professionals and the Families that they Serve

Alignment Document for:
**Milestones of Child Development:
A Guide to Young Children's Learning and
Development from
Birth to Kindergarten Revised**



VIRGINIA DEPARTMENT OF
SOCIAL SERVICES

References



Virginia Office of Early Childhood Development. (2013). *Milestones of child development: A guide to young children's learning and development from birth to kindergarten revised*. VA: Author. Retrieved from http://va.gapitc.org/wp-content/uploads/2014/03/Milestones_Revised2014.pdf

Milestones of Child Development: A Guide to Young Children's Learning and Development from Birth to Kindergarten Revised	Vine Assessments by LifeCubby
Social and Emotional Development	Vine Indicators
Strand 1: Relationships with Others	
Birth to 18 months	
Depend on others to provide for wants and needs. (A1)	PMP 19-2 Develops Self-Care Skills
Seek positive attachment and interaction with adults. (A2)	SED 5-1 Bonds with Adults
Respond to the environment, enjoying shared engagement with adult. (A3)	SED 5-1 Bonds with Adults
18 months to 36 months	
Seek comfort and help when needed. (A4)	SED 5-1 Bonds with Adults
Laugh in social game of imitation with adults and peers. (A5)	SED 6-2 Bonds with Peers
Demonstrate increasing ability to form and maintain secure relationships with others. (A6)	SED 5-1 Bonds with Adults
36 months to 48 months	
Enjoy close proximity with others. (A7)	SED 5-1 Bonds with Adults
Develop positive friendships with one or more peers. (A8)	SED 6-2 Bonds with Peers
Enter and engage in group pretend play successfully. (A9)	SED 6-2 Bonds with Peers
48 months and older	
Show empathy and caring for others. (A10)	SED 6-1 Builds Empathy
Cooperate with others. (A11)	SED 6-3 Cooperates with Peers
Demonstrate increased ability to resolve conflicts. (A12)	SED 6-3 Cooperates with Peers
Interact easily with one or more children and adults. (A13)	SED 6-2 Bonds with Peers
Strand 2: Learning About Self (Self-concept)	
Birth to 18 months	
Explore own body and begin to examine body parts of others. (B1)	SED 4-1 Develops Awareness of Self
Gain an emerging sense of self as separate from but also connected to others. (B2)	SED 4-1 Develops Awareness of Self
Feel worthwhile and accepted. (B3)	SED 4-2 Becomes Confident
Demonstrate an emerging sense of competence and confidence in growing abilities (B4)	SED 4-2 Becomes Confident
Smile or laugh at mastery of motor skills, sound play, clowning, or fun games. (B5)	SED 4-2 Becomes Confident

18 months to 36 months	
Understand self in terms of unique characteristics, preferences, and abilities. (B6)	SED 4-1 Develops Awareness of Self
Begin to recognize family members' roles and names. (B7)	SED 4-1 Develops Awareness of Self
Develop increasing independence. (B8)	ATL 1-5 Shows Initiative
36 months to 48 months	
Show increasing ability to distinguish between self and others. (B9)	SED 4-1 Develops Awareness of Self
Adjust comfortably to new surroundings. (B10)	ATL 1-6 Thinks with Creativity & Flexibility
Demonstrate confidence and pride in accomplishments. (B11)	SED 4-2 Becomes Confident
48 months and older	
Continue to perceive self as worthwhile and accepted. (B12)	SED 4-2 Becomes Confident
Begin to understand consequences of actions, especially as choices affect others. (B13)	ATL 2-2 Shows Responsibility
Demonstrate increased awareness of own abilities, characteristics, feelings, and preferences. (B14)	SED 4-2 Becomes Confident
See self as able to have impact on others and be able to make responsible choices. (B15)	ATL 2-2 Shows Responsibility
Rebound quickly from own mistakes or accidents as long as there is no serious consequence. (B16)	SED 4-2 Becomes Confident
Strand 3: Emotion Regulation and Self-Regulation	
Birth to 18 months	
Develop increasing emotion regulation. (C1)	SED 3-2 Manages Feelings & Demonstrates Self-Control
Increase behavioral regulation. (C2)	SED 3-2 Manages Feelings & Demonstrates Self-Control
Become more adept at expressing own feelings appropriately and recognizing others' emotions. (C3)	SED 3-1 Expresses Emotion SED 6-1 Builds Empathy
18 months to 36 months	
Demonstrate progress in expressing needs and opinions by using words and asking for help when needed. (C4)	SED 3-1 Expresses Emotion
Develop ability to calm self when upset. (C5)	SED 3-2 Manages Feelings & Demonstrates Self-Control

Recognize own behaviors that are off limits, and control self with increasing ability. (C6)	ATL 2-2 Shows Responsibility
Offer to share, with growing flexibility and with adult support. (C7)	SED 6-3 Cooperates with Peers
36 months to 48 months	
Follow simple rules and routines with guidance. (C8)	ATL 2-1 Understands Routines
Manage transitions, shifting attention from one activity to another. (C9)	ATL 1-6 Thinks with Creativity & Flexibility
48 months and older	
Focus attention when completing tasks or problem solving. (C10)	ATL 1-1 Is Attentive
Name and talk about own emotions and can associate them with varying facial expressions. (C11)	SED 3-1 Expresses Emotion
Increase ability to delay desire in order to cooperate with a task or others. (C12)	SED 3-2 Manages Feelings & Demonstrates Self-Control
Show growing capacity to maintain concentration over time on a task or question. (C13)	ATL 1-1 Is Attentive

Approaches to Learning	
Strand 1: Persistence	
Birth to 18 months	
Observe objects and people for a brief period of time. (A1)	ATL 1-1 Is Attentive
Seek attention of adult. (A2)	ATL 1-3 Is Persistent
Pay attention briefly and try to reproduce interesting and pleasurable effects and events. (A3)	ATL 1-1 Is Attentive
18 months to 36 months	
Increase the amount of time they can persist in repetitive tasks or preferred activities. (A4)	ATL 1-3 Is Persistent
Increase persistence in trying to complete a task after previous attempts have failed. (A5)	ATL 1-3 Is Persistent
36 months to 48 months	
Grow in ability to persist in and complete tasks, activities, projects, and experiences. (A6)	ATL 1-3 Is Persistent
Increase persistence in activities despite frustration or disappointment. (A7)	ATL 1-3 Is Persistent
48 months and older	

Recognize and solve problems independently. (A8)	CS 14-1 Solves Problems
Increase ability to set goals, develop plans, and complete tasks. (A9)	CS 14-3 Makes Plans
Show growing capacity to maintain concentration over time. (A10)	ATL 1-3 Is Persistent
Strand 2: Curiosity and Initiative	
Birth to 18 months	
Show awareness of and interest in the environment. (B1)	ATL 1-4 Is Curious
Engage in and actively explore self, objects, and surroundings. (B2)	ATL 1-5 Shows Initiative
Show eagerness and curiosity as a learner. (B3)	ATL 1-4 Is Curious
18 months to 36 months	
Demonstrate ability to initiate activities. (B4)	ATL 1-5 Shows Initiative
Participate in an increasing variety of tasks and activities. (B5)	ATL 1-4 Is Curious
36 months to 48 months	
Develop increased ability to make independent choices. (B6)	ATL 1-5 Shows Initiative
Find and use materials to follow through on an idea. (B7)	ATL 1-4 Is Curious
Initiate play with others. (B8)	ATL 1-5 Shows Initiative
48 months and older	
Offer to help with chores. (B9)	ATL 1-5 Shows Initiative
Invent projects and work on them with little assistance. (B10)	ATL 1-5 Shows Initiative
Grow in eagerness to learn about and discuss a growing range of topics, ideas, and tasks. (B11)	ATL 1-4 Is Curious
Strand 3: Creativity and Inventiveness	
Birth to 18 months	
Notice and show interest in and excitement with familiar objects, people, and events. (C1)	ATL 1-2 Develops Memory
Approach and explore new experiences in familiar settings. (C2)	ATL 1-6 Thinks with Creativity & Flexibility
18 months to 36 months	
Delight in finding new properties and uses for familiar objects and experiences. (C3)	ATL 1-6 Thinks with Creativity & Flexibility
Pretend and use imagination during extended play scenarios with self and others. (C4)	CCA 21-4 Participates in Dramatic Play
36 months to 48 months	

Imitate action observed in another situation. (C5)	SED 5-2 Learns from Adults
Approach tasks experimentally, adapting as the activity evolves. (C6)	ATL 1-6 Thinks with Creativity & Flexibility
Use imagination to create original thoughts, ideas, or products. (C7)	ATL 1-6 Thinks with Creativity & Flexibility
48 months and older	
Approach tasks and activities with increased flexibility, imagination, and inventiveness. (C8)	ATL 1-6 Thinks with Creativity & Flexibility
Use creativity and inventiveness to complete projects or tasks. (C9)	ATL 1-6 Thinks with Creativity & Flexibility
Make changes to a familiar story. (C10)	ATL 1-6 Thinks with Creativity & Flexibility
Represent reality in a variety of ways. (C11)	CCA 21-4 Participates in Dramatic Play
Strand 4: Reasoning and Problem-Solving	
Birth to 18 months	
Explore object characteristics in many different ways. (D1)	CS 13-1 Explores Objects
Behave in consistent ways to elicit desired response. (D2)	CS 14-2 Makes Predictions
Use sounds, gestures, and movements to impact the environment and interactions. (D3)	CS 14-2 Makes Predictions
18 months to 36 months	
Realize that people or things exist even when out of view (object permanence). (D4)	ATL 1-2 Develops Memory
Use objects as intended. (D5)	ATL 1-2 Develops Memory
36 months to 48 months	
Demonstrate beginning understanding of cause and effect, especially of own actions. (D6)	CS 14-1 Solves Problems
Seek assistance from an adult or another child to solve problems. (D7)	SED 5-1 Bonds with Adults
Explain reasons why simple events occur. (D8)	CS 14-4 Draws Conclusions and Sorts Results
48 months and older	
Develop increasing abilities to classify, compare and contrast objects, events, and experiences. (D9)	CS 13-2 Classifies or Sorts Objects
Recognize and solve problems. (D10)	CS 14-1 Solves Problems
Create a strategy based on one event and extend it to a new one. (D11)	CS 14-4 Draws Conclusions and Sorts Results
Demonstrate understanding of others' intentions or motivations. (D12)	SED 6-1 Builds Empathy
Talk about recent experiences, meaningful events, and interesting ideas. (D13)	LC 7-2 Develops Expressive Communication

Work with others to find a solution. (D14)	SED 6-3 Cooperates with Peers
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Language and Literacy	
Strand 1: Listening and Speaking	
Birth to 18 months	
Respond to frequently heard sounds and words. (A1)	LC 7-1 Develops Receptive Communication
Use a variety of sounds and motions to communicate. (A2)	LC 7-2 Develops Expressive Communication
Show increased understanding of gestures and words. (A3)	LC 7-1 Develops Receptive Communication
Use consistent sounds, gestures, and some words to communicate (A4)	LC 7-2 Develops Expressive Communication
18 months to 36 months	
Understand questions, some basic concepts, and simple directions. (A5)	LC 7-1 Develops Receptive Communication
Demonstrate increasing ability to attend to, participate in, and understand language in conversations, stories, songs, and poems. (A6)	LC 7-1 Develops Receptive Communication
Build increased understanding of basic vocabulary and concepts. (A7)	LC 7-4 Expands Vocabulary
36 months to 48 months	
Demonstrate increased understanding of oral language through actions and responses to directions and questions. (A8)	LC 7-1 Develops Receptive Communication
Progress in abilities to initiate and respond appropriately in conversation and discussions with peers and adults. (A9)	LC 7-6 Learns Conversation Structure
48 months and older	
Progress in clarity of pronunciation and towards speaking in sentences of increasing length and grammatical complexity. (A10)	LC 7-5 Expands Grammar and Pronunciation
Develop increasing abilities to understand and use language for a variety of purposes. (A11)	LC 7-1 Develops Receptive Communication LC 7-2 Develops Expressive Communication
Enjoy hearing and creating humorous stories characterized by exaggeration. (A12)	LC 7-2 Develops Expressive Communication
Strand 2: Phonological Awareness and Alphabetic Knowledge	
Birth to 18 months	
Show enjoyment of the sounds and rhythms of language. (B1)	LC 7-3 Develops Phonemic Awareness

Imitate vocalizations and sounds. (B2)	LC 7-3 Develops Phonemic Awareness
18 months to 36 months	
Enjoy patterns of rhythm and repetition of familiar voices, sounds, rhymes, and songs. (B3)	LC 7-3 Develops Phonemic Awareness
Participate in simple word games. (B4)	LC 7-3 Develops Phonemic Awareness
Create “jokes” with sounds, using nonsense combinations to explore phonemes. (B5)	LC 7-3 Develops Phonemic Awareness
36 months to 48 months	
Begin to identify words that rhyme. (B6)	LC 7-3 Develops Phonemic Awareness
Show growing ability to discriminate and identify sounds. (B7)	LC 7-3 Develops Phonemic Awareness
48 months and older	
Identify matching sounds and produce original rhymes. (B8)	LC 7-3 Develops Phonemic Awareness
Show growing ability to hear and discriminate separate syllables in words. (B9)	LC 7-3 Develops Phonemic Awareness
Show growing awareness of beginning and ending sounds of words. (B10)	LC 7-3 Develops Phonemic Awareness
Develop beginning awareness of alphabet letters. (B11)	LKS 8-2 Develops Alphabetic Knowledge
Recognize that sounds are associated with letters of the alphabet and that they form words. (B12)	LKS 8-2 Develops Alphabetic Knowledge
Understand that letters of the alphabet are a special category of visual graphics that can be individually named. (B13)	LKS 8-2 Develops Alphabetic Knowledge
Laugh at and create silly words while exploring phonology. (B14)	LC 7-3 Develops Phonemic Awareness
Strand 3: Print Awareness and Concepts	
Birth to 18 months	
Respond positively to book reading activities with adults. (C1)	LKS 8-1 Develops Early Literacy
Show some ability to handle books, with assistance. (C2)	LKS 8-1 Develops Early Literacy
18 months to 36 months	
Recognize print in the neighborhood, community, and environment (e.g., stop-signs, store signs). (C3)	LKS 8-3 Develops Emergent Reading
Relate pictures with real objects, events, and ideas (e.g., stories). (C4)	LKS 8-3 Develops Emergent Reading
36 months to 48 months	
Show growing awareness of the different functions of forms of print such as signs,	LKS 8-1 Develops Early Literacy

letters, newspapers, lists, messages, and menus. (C5)	
Show growing interest in reading-related activities. (C6)	LKS 8-3 Develops Emergent Reading
48 months and older	
Show increased awareness of print concepts. (C7)	LKS 8-1 Develops Early Literacy
Recognize a word as a unit of print that is formed by individual letters. (C8)	LKS 9-1 Develops Emergent Writing
Read some environmental print. (C9)	LKS 8-3 Develops Emergent Reading
Strand 4: Comprehension	
Birth to 18 months	
Focus attention on simple picture books. (D1)	LKS 8-1 Develops Early Literacy
Begin to recognize “favorite books” and repeatedly request to read them. (D2)	LKS 8-1 Develops Early Literacy
18 months to 36 months	
Begin to interact with story through familiar hand motions and expression of emotions. (D3)	LKS 8-1 Develops Early Literacy
Begin to recognize symbols for objects. (D4)	LKS 8-3 Develops Emergent Reading
36 months to 48 months	
Show increased comprehension and response to stories read aloud. (D5)	LKS 8-1 Develops Early Literacy
Recall specific characters or actions from familiar stories. (D6)	ATL 1-2 Develops Memory
Understand the meaning of some environmental print. (D7)	LKS 8-3 Develops Emergent Reading
48 months and older	
Demonstrate understanding of basic plots of simple stories in a variety of ways. (D8)	LKS 8-1 Develops Early Literacy
Begin to understand the connection between books and personal experiences. (D9)	LKS 8-1 Develops Early Literacy
Understand the main idea of simple information. (D10)	LKS 8-1 Develops Early Literacy
Use strategies such as questioning or predicting to comprehend printed material. (D11)	LKS 8-1 Develops Early Literacy
Attempt, often unsuccessfully, to create jokes by using the method for making jokes based on double meanings of words. (D12)	ATL 1-6 Thinks with Creativity & Flexibility
Strand 5: Early Writing	
Birth to 18 months	

Begin to show interest in exploring writing tools. (E1)	LKS 9-1 Develops Emergent Writing
Experiment with grasp when using a variety of writing tools. (E2)	LKS 9-1 Develops Emergent Writing
18 months to 36 months	
Show increased interest in exploring writing tools. (E3)	LKS 9-1 Develops Emergent Writing
Use writing tools to make scribbles and purposeful marks. (E4)	LKS 9-1 Develops Emergent Writing
Make purposeful marks on paper. (E5)	LKS 9-1 Develops Emergent Writing
36 months to 48 months	
Use scribbles and unconventional shapes to convey messages. (E6)	LKS 9-1 Develops Emergent Writing
Represent ideas and stories through pictures, dictation, and play. (E7)	LKS 9-1 Develops Emergent Writing
Experiment with a growing variety of writing tools and materials, such as pencils, crayons, and computers. (E8)	LKS 9-1 Develops Emergent Writing
48 months and older	
Use letter-like shapes, symbols, and letters to convey meaning. (E9)	LKS 9-1 Develops Emergent Writing
Understand purposes for writing. (E10)	LKS 9-1 Develops Emergent Writing
Begin to use familiar words (e.g., mom, love) in writing and drawing. (E11)	LKS 9-1 Develops Emergent Writing

Cognition and General Knowledge	
Strand 1 Sub-Strand A. Number and Operations	
Birth to 18 months	
Begin to build understanding of “more.” (A1)	CM 11-1 Learns Measurement and Quantities
Use number words in songs and finger plays with little or no understanding. (A2)	CM 10-1 Begins Counting
18 months to 36 months	
Build some understanding of quantity. (A3)	CM 11-1 Learns Measurement and Quantities
Demonstrate growing understanding of one-to-one matching. (A4)	CM 10-1 Begins Counting
36 months to 48 months	
Begin to count by rote. (A5)	CM 10-1 Begins Counting
Begin to associate number concepts, vocabulary, quantities and written numerals in meaningful ways. (A6)	CM 10-4 Reads and Writes Numbers
Demonstrate advancing knowledge of numbers and counting. (A7)	CM 10-1 Begins Counting
48 months and older	

Begin to make use of one-to-one correspondence in counting objects and matching groups of objects. (A8)	CM 10-1 Begins Counting
Increase in ability to compare numbers of objects using appropriate vocabulary. (A9)	CM 10-2 Builds and Observes Sets
Develop increasing ability to count in sequence and to use one-to-one correspondence. (A10)	CM 10-1 Begins Counting
Show increased curiosity and interest in numbers and counting as a means for solving problems and determining quantity. (A11)	CM 10-1 Begins Counting
Strand 1 Sub-Strand B. Measurement	
Birth to 18 months	
Explore objects in their environment. (B1)	CM 11-1 Learns Measurement and Quantities
Show some awareness of the relative size of objects. (B2)	CM 11-1 Learns Measurement and Quantities
18 months to 36 months	
Connect mathematical language to measurement concepts. (B3)	CM 11-1 Learns Measurement and Quantities
Explore the concept of volume. (B4)	CM 11-1 Learns Measurement and Quantities
Show some understanding of the concept of measurement. (B5)	CM 11-1 Learns Measurement and Quantities
36 months to 48 months	
Explore measuring tools (e.g., measuring cup, ruler, scale). (B6)	CM 11-1 Learns Measurement and Quantities
Describe physical objects in terms of relative size (e.g., big, little, small, tall, short, long, heavy, light). (B7)	CM 11-1 Learns Measurement and Quantities
Demonstrate understanding of concepts related to quantity (e.g., many, a lot, full, empty, whole, part, all, none). (B8)	CM 11-1 Learns Measurement and Quantities
48 months and older	
Use non-standard units of measurement to explore the environment. (B9)	CM 11-1 Learns Measurement and Quantities
Use standard tools to explore and understand the environment. (B10)	CM 11-1 Learns Measurement and Quantities
Compare objects based on differences in length, weight, and temperature using appropriate vocabulary. (B11)	CM 11-1 Learns Measurement and Quantities
Strand 1 Sub-Strand C. Patterns and Relationships	
Birth to 18 months	
Engage in sustained gazing or tracking of object with eyes. (C1)	CS 13-1 Explores Objects

Demonstrate object permanence (i.e., realizes that people or things exist even when out of view). (C2)	ATL 1-2 Develops Memory
React to images of objects or events. (C3)	CS 13-1 Explores Objects
18 months to 36 months	
Show interest in patterns. (C4)	CS 13-1 Explores Objects
Explore similarities and differences of objects (e.g., color, size, shape, and texture). (C5)	CS 13-1 Explores Objects
Understand the relationship between objects, solving simple jigsaw puzzles and matching similar shapes. (C6)	CM 12-2 Develops Spatial Awareness
36 months to 48 months	
Recognize, sort, and classify objects by a single characteristic (e.g., color, size, shape, and texture). (C7)	CS 13-2 Classifies or Sorts Objects
Develop increasing understanding of the relationship between objects. (C8)	CM 11-2 Understands Patterns
48 months and older	
Recognize and copy simple patterns (e.g., sounds, objects, shapes). (C9)	CM 11-2 Understands Patterns
Use patterns to predict relationships between objects. (C10)	CS 14-2 Makes Predictions
Create original patterns using a variety of materials according to one or more attributes (e.g., color, size, shape). (C11)	CM 11-2 Understands Patterns
Strand 1 Sub-Strand D. Shapes	
Birth to 18 months	
Explore geometric shapes in the environment. (D1)	CM 12-1 Learns Shapes & Sizes
Play with shape toys, though with increasing ability to match correctly. (D2)	CM 12-1 Learns Shapes & Sizes
18 months to 36 months	
Identify simple objects by their shape. (D3)	CM 12-1 Learns Shapes & Sizes
36 months to 48 months	
Recognize simple shapes (e.g., circle, triangle, rectangle, and square). (D4)	CM 12-1 Learns Shapes & Sizes
Use mathematical language to describe shapes (e.g., circle, triangle, rectangle, and square) and their relative parts and attributes. (D5)	CM 12-1 Learns Shapes & Sizes
Recognize, name, and sort simple shapes (e.g., circle, triangle, rectangle, and square). (D6)	CM 12-1 Learns Shapes & Sizes
48 months and older	

Recognize three-dimensional shapes (e.g., cylinders, spheres, cones) through everyday experiences. (D7)	CM 12-1 Learns Shapes & Sizes
Create, build, or draw shapes using a variety of materials. (D8)	CM 12-1 Learns Shapes & Sizes
Strand 1 Sub-Strand E. Spatial Sense	
Birth to 18 months	
Pay attention to what is happening in the environment. (E1)	CM 12-2 Develops Spatial Awareness
Coordinate use of body and materials. (E2)	CM 12-2 Develops Spatial Awareness
18 months to 36 months	
Become aware of own body and personal space during active exploration of physical environment. (E3)	CM 12-2 Develops Spatial Awareness
Explore the size, shape, and spatial arrangement of real objects. (E4)	CM 12-2 Develops Spatial Awareness
36 months to 48 months	
Show understanding of different relationships of objects in space. (E5)	CM 12-2 Develops Spatial Awareness
Show understanding of several positional words. (E6)	CM 12-2 Develops Spatial Awareness
48 months and older	
Show increasing understanding of directionality, order and position of objects and words such next to, beside, above, below, under, over, top, bottom. (E7)	CM 12-2 Develops Spatial Awareness
Strand 1 Sub-Strand F. Data Collection and Analysis	
Birth to 18 months	
Pay attention to what is happening in the environment. (F1)	ATL 1-1 Is Attentive
Gather information through the senses (e.g., mouthing, grasping, reaching). (F2)	CS 13-1 Explores Objects
Make things happen by coordinating senses of sight, sound, taste, and touch. (F3)	CS 14-2 Makes Predictions
Observe persons or objects in the environment for a brief period of time. (F4)	CS 13-1 Explores Objects
18 months to 36 months	
Begin to explore physical properties of objects and to identify their use. (F5)	CS 13-1 Explores Objects
Recognize objects as the same and different. (F6)	CS 13-2 Classifies or Sorts Objects
36 months to 48 months	
Apply knowledge or experience to a new context. (F7)	ATL 1-6 Thinks with Creativity & Flexibility

Demonstrate understanding that physical objects and experiences are quantifiable. (F8)	CS 13-2 Classifies or Sorts Objects
48 months and older	
Collect and organize data about themselves, their environment, and their experiences. (F9)	CS 13-1 Explores Objects
Organize and display their information by shared attribute or relationship. (F10)	CS 13-2 Classifies or Sorts Objects
Analyze collected data and generate logical conclusions. (F11)	CS 14-4 Draws Conclusions and Sorts Results
Strand 1 Sub-Strand G. Time and Sequence	
Birth to 18 months	
Develop an understanding of the concept of time as it relates to everyday life (e.g., meals, sleeping). (G1)	SS 16-2 Understands Time
Demonstrate some understanding of when things happen in relation to routines. (G2)	ATL 2-1 Understands Routines
Recall information about the immediate past. (G3)	ATL 1-2 Develops Memory
18 months to 36 months	
Show increasing knowledge and memory for details and routines. (G4)	ATL 1-2 Develops Memory
Anticipate, remember, and describe daily sequences of events. (G5)	ATL 2-1 Understands Routines
36 months to 48 months	
Use words to describe time (e.g., hour, day, week, month, morning, afternoon, night). (G6)	SS 16-2 Understands Time
Demonstrate increasing understanding of past, present, and future using words such as before, after, now, and then. (G7)	SS 16-2 Understands Time
48 months and older	
Demonstrate beginning understanding of sequence. (G8)	SS 16-2 Understands Time
Identify the positions of objects or persons in sequence (e.g., first, second, third, last, before, after). (G9)	CM 10-1 Begins Counting
Strand 2 Sub-Strand A. Scientific Knowledge	
Birth to 18 months	
Show interest in surroundings by focusing on faces and objects in close range. (A1)	ATL 1-1 Is Attentive
Recognize and respond to different sights, textures, smells, sounds, and tastes. (A2)	CS 13-1 Explores Objects

18 months to 36 months	
Observe and describe characteristics of living things, the weather, and the outdoor environment. (A3)	CS 15-1 Explores the Natural Environment
Build beginning understanding of basic science concepts (e.g., force and motion, gravity, sound, light) through exploration. (A4)	CS 15-1 Explores the Natural Environment
36 months to 48 months	
Know that living things are made up of different parts (e.g., body parts). (A5)	CS 15-2 Develops an Understanding of and Care for the Natural World
Explore characteristics, basic needs, and life cycles of living things. (A6)	CS 15-1 Explores the Natural Environment
Discover and describe naturally occurring patterns (e.g., weather phenomena, shells, etc.) (A7)	CS 15-2 Develops an Understanding of and Care for the Natural World
48 months and older	
Show beginning understanding of the interrelationships in earth/space systems. (A8)	CS 15-2 Develops an Understanding of and Care for the Natural World
Recognize matter in its three forms (i.e., solid, liquid, gas). (A9)	CS 15-2 Develops an Understanding of and Care for the Natural World
Describe the observable properties of objects using pictures and words. (A10)	CS 13-1 Explores Objects
Expand knowledge of and respect for their environment, living creatures, and plant life. (A11)	CS 15-1 Explores the Natural Environment
Strand 2 Sub-Strand B. Scientific Inquiry and Exploration	
Birth to 18 months	
Attend to what is happening in the environment. (B1)	ATL 1-1 Is Attentive
Demonstrate curiosity about the natural environment. (B2)	CS 15-1 Explores the Natural Environment
Attend and respond to what is happening in the environment. (B3)	CS 15-1 Explores the Natural Environment
Realize ability to make things happen. (B4)	CS 14-2 Makes Predictions
Enjoy games of repeated hiding and finding. (B5)	ATL 1-2 Develops Memory
18 months to 36 months	
Use senses to observe and explore materials and natural phenomena. (B6)	CS 13-1 Explores Objects
Demonstrate increased knowledge and memory for details and routines. (B7)	ATL 1-2 Develops Memory
36 months to 48 months	

Ask questions about scientific phenomena. (B8)	CS 15-1 Explores the Natural Environment
Expect specific results when playing with toys and other materials. (B9)	CS 14-2 Makes Predictions
Provide some explanations for scientific phenomena. (B10)	CS 14-4 Draws Conclusions and Sorts Results
48 months and older	
Begin to use simple tools and equipment for investigation. (B11)	CS 13-1 Explores Objects
Make comparisons among objects in terms of what they are made of and their physical properties. (B12)	CS 13-2 Classifies or Sorts Objects
Observe and remark upon changes and cause-effect relationships in the physical world. (B13)	CS 14-4 Draws Conclusions and Sorts Results
Begin to collect, describe, and record information. (B14)	CS 15-1 Explores the Natural Environment
Participate in simple investigations to test observations, discuss and draw conclusions, and form generalizations. (B15)	CS 14-2 Makes Predictions
Apply information or experience to a new context. (B16)	CS 14-2 Makes Predictions
Form explanations and communicate scientific information. (B17)	CS 14-4 Draws Conclusions and Sorts Results
Strand 3 Sub-Strand A. History	
Birth to 18 months	
Participate in regularly scheduled daily activities. (A1)	SS 16-2 Understands Time
Recognize the beginning and end of an event. (A2)	SS 16-2 Understands Time
Begin to recognize routines and to categorize time intervals. (A3)	ATL 2-1 Understands Routines
18 months to 36 month	
Understand that change is related to time. (A4)	SS 16-2 Understands Time
Recount daily events (A5)	SS 16-2 Understands Time
36 months to 48 months	
Order/sequence events and objects. (A6)	SS 16-2 Understands Time
Distinguish between events that happen in the past, present, and future. (A7)	SS 16-2 Understands Time
48 months and older	
Understand that artifacts reveal information about the past. (A8)	SS 16-2 Understands Time
Engage in storytelling about past experiences. (A9)	SS 16-2 Understands Time

Strand 3 Sub-Strand B. Geography	
Birth to 18 months	
Develop awareness of body in space. (B1)	CM 12-2 Develops Spatial Awareness
Recognize familiar places. (B2)	ATL 1-2 Develops Memory
18 months to 36 months	
Recall location of familiar objects. (B3)	ATL 1-2 Develops Memory
Develop awareness of some characteristics of own geographic region. (B4)	ATL 1-2 Develops Memory
36 months to 48 months	
Use some words to indicate direction, position, and relative location. (B5)	CM 12-2 Develops Spatial Awareness
Identify and describe characteristics of own surroundings and geographic region. (B6)	SS 16-3 Explores Geography
48 months and older	
Demonstrate beginning knowledge of the relationship between people, places, and regions. (B7)	SS 16-3 Explores Geography
Identify common geographic tools. (B8)	SS 16-3 Explores Geography
Understand and use direction and position words to describe and compare location and spatial relationships. (B9)	CM 12-2 Develops Spatial Awareness
Create representations of locations and space during play. (B10)	SS 16-3 Explores Geography
Use labels and symbols that show understanding of geographic concepts. (B11)	SS 16-3 Explores Geography
Strand 3 Sub-Strand C. Economic	
Birth to 18 months	
Depend on others to provide for wants and needs. (C1)	PMP 19-2 Develops Self-Care Skills
Develop an emerging sense of the meaning of the presence or absence of valued resources such as food or toys. (C2)	PMP 19-2 Develops Self-Care Skills
18 months to 36 months	
Make choices. (C3)	ATL 1-5 Shows Initiative
36 months to 48 months	
Develop awareness of jobs and what is required to perform them. (C4)	SS 16-4 Learns about Community Roles and Jobs
48 months and older	
Demonstrate awareness of money being needed to purchase goods and services. (C5)	SS 16-5 Learns about Government and Economics
Identify tools (including technology) used at home, school, and work. (C6)	CS 13-3 Learns Using Technology
Develop awareness of economic concepts, including jobs, money, and tools. (C7)	SS 16-5 Learns about Government and Economics

Strand 3 Sub-Strand D. Families and Communities	
Birth to 18 months	
Engage with familiar adults. (D1)	SED 5-1 Bonds with Adults
Demonstrate a beginning understanding of family/non-family. (D2)	SED 5-1 Bonds with Adults
18 months to 36 months	
Develop beginning understanding of human interdependence. (D3)	SS 16-4 Learns about Community Roles and Jobs
Expand relationships. (D4)	SED 6-2 Bonds with Peers
Develop understanding of social customs by respecting others' contributions and ideas. (D5)	SS 16-1 Explores Cultures
36 months to 48 months	
Identify personal characteristics, including gender and family composition. (D6)	SED 4-1 Develops Awareness of Self
Recognize ways in which people are alike and different. (D7)	SS 16-1 Explores Cultures
Develop understanding of individual, family, culture, and community. (D8)	SS 16-4 Learns about Community Roles and Jobs
48 months and older	
Exhibit positive citizenship behaviors such as sharing, taking turns, following rules, and taking responsibility for chores. (D9)	ATL 2-2 Shows Responsibility
Respect differences among people, such as gender, race, special needs, culture, language, and family structures. (D10)	SS 16-1 Explores Cultures
Exhibit enhanced positive citizenship behaviors. (D11)	SS 16-4 Learns about Community Roles and Jobs

Fine Arts	
Strand 1: Dance Arts	
Birth to 18 months	
Discover own body. (A1)	SED 4-1 Develops Awareness of Self
Respond in expressive ways to people and objects. (A2)	CCA 21-3 Explores Movement and Dance
Learn about and have some control of body. (A3)	PMP 17-1 Develops Perception & Balance
Purposefully act on their environment. (A4)	ATL 1-5 Shows Initiative
18 months to 36 months	
Have more control of body. (A5)	CCA 21-3 Explores Movement and Dance
Become aware of position in space. (A6)	CM 12-2 Develops Spatial Awareness
36 months to 48 months	

Express feelings and ideas through drama and movement. (A7)	CCA 21-3 Explores Movement and Dance
48 months and older	
Participate in creative movement, dance, and drama. (A8)	CCA 21-3 Explores Movement and Dance
Show creativity using their bodies. (A9)	CCA 21-3 Explores Movement and Dance
Strand 2: Music	
Birth to 18 months	
Respond to sounds. (B1)	CCA 21-2 Explores Music
Begin to imitate sounds. (B2)	LC 7-3 Develops Phonemic Awareness
Experiment with a variety of sound sources (e.g., rattles, bells). (B3)	CCA 21-2 Explores Music
Prefer repetition of familiar songs and rhythmic patterns. (B4)	CCA 21-2 Explores Music
18 months to 36 months	
Participate in group music experiences (e.g., singing, finger plays, chants, musical instruments). (B5)	CCA 21-2 Explores Music
Explore simple songs using voice and/or instruments. (B6)	CCA 21-2 Explores Music
36 months to 48 months	
Participate with increasing interest and enjoyment in a variety of music activities, including listening, games, and performances. (B7)	CCA 21-2 Explores Music
Use music as an avenue to express thoughts, feelings, and energy. (B8)	CCA 21-2 Explores Music
48 months and older	
Show interest in more complicated instruments (e.g., piano, guitar). (B9)	CCA 21-2 Explores Music
Respond to variations in music – pitch, volume, tempo, beat, rhythm, and pattern. (B10)	CCA 21-2 Explores Music
Strand 3 Theater Arts	
Birth to 18 months	
Discover own body. (C1)	SED 4-1 Develops Awareness of Self
Imitate sounds, facial expressions, and gestures of another person. (C2)	SED 5-2 Learns from Adults
Communicate words or concepts through movement. (C3)	LC 7-2 Develops Expressive Communication
Purposefully act on the environment. (C4)	CS 14-2 Makes Predictions
18 months to 36 months	
Imitate what others do. (C5)	SED 5-2 Learns from Adults
Engage in pretend play. (C6)	CCA 21-4 Participates in Dramatic Play
36 months to 48 months	

Understand that objects, photos, or illustrations can stand for real things. (C7)	LKS 8-1 Develops Early Literacy
48 months and older	
Participate with others in dramatic play, negotiating roles and setting up events. (C8)	CCA 21-4 Participates in Dramatic Play
Tell about and/or role-play characters from familiar stories or known people and own imagination. (C9)	CCA 21-4 Participates in Dramatic Play
Enact or depict coherent stories with interactive roles and multiple episodes. (C10)	CCA 21-4 Participates in Dramatic Play
Strand 4 Visual Arts	
Birth to 18 months	
Focus on and show interest in objects in the environment. (D1)	CCA 21-1 Explores Art Media
Explore the texture of different mediums (e.g., fabrics of different textures). (D2)	CCA 21-1 Explores Art Media
18 months to 36 months	
Gain control in grasping simple art tools. (D3)	CCA 21-1 Explores Art Media
Experiment with a variety of art materials (e.g., paint, markers, crayons, pencils, dough). (D4)	CCA 21-1 Explores Art Media
36 months to 48 months	
Explore colors and shapes of objects. (D5)	CCA 21-1 Explores Art Media
Create art to express and represent what they know, think, believe, or feel. (D6)	CCA 21-1 Explores Art Media
48 months and older	
Develop ability to plan, to work alone and with others, and to demonstrate care and persistence in a variety of art projects. (D7)	CCA 21-1 Explores Art Media
Respond to artistic creations or events. (D8)	CCA 21-1 Explores Art Media
Create drawings, paintings, models, and other art creations that are more detailed, creative or realistic. (D9)	CCA 21-1 Explores Art Media
Understand and develop the vocabulary to share opinions about artistic creations and experiences. (D10)	CCA 21-1 Explores Art Media

Physical Development and Health	
Strand 1: Gross Motor Development	
Birth to 18 months	
Demonstrate beginning signs of balance, control, and coordination. (A1)	PMP 17-1 Develops Perception & Balance
Demonstrate proficiency in rolling over, sitting, crawling. (A2)	PMP 17-2 Develops Lower Body Strength
Demonstrate improved balance, control, and coordination. (A3)	PMP 17-1 Develops Perception & Balance
18 months to 36 months	
Coordinate movements in grabbing, rolling, tossing, and throwing. (A4)	PMP 17-5 Develops Large Motor Coordination Skills
Move with some balance and control. (A5)	PMP 17-1 Develops Perception & Balance
36 months to 48 months	
Show increasing levels of proficiency, control, and balance in walking, climbing, running, jumping, hopping, skipping, marching, and galloping. (A6)	PMP 17-2 Develops Lower Body Strength
Coordinate movements in more complex gross motor tasks, such as throwing, catching, kicking, bouncing balls, and using the slide and swing. (A7)	PMP 17-4 Develops Gross Hand-Eye Coordination
Make successful transitions between sequential motor skills. (A8)	PMP 17-5 Develops Large Motor Coordination Skills
48 months and older	
Coordinate movements to perform simple tasks. (A9)	PMP 17-4 Develops Gross Hand-Eye Coordination
Demonstrate increasing stamina, endurance, control, balance, and coordination. (A10)	PMP 17-6 Develops Stamina for Extended Awake Periods and Play Times
Use balance and control to perform large motor tasks. (A11)	PMP 17-1 Develops Perception & Balance
Coordinate movements to perform more complex tasks. (A12)	PMP 17-5 Develops Large Motor Coordination Skills
Strand 2: Fine Motor Development	
Birth to 18 months	
Develop some ability to grasp and hold a variety of objects. (B1)	PMP 18-1 Develops Dexterity and In-Hand Manipulation Skills
Demonstrate beginning signs of strength, control, and eye-hand coordination. (B2)	PMP 18-2 Develops Fine Hand-Eye Coordination
18 months to 36 months	
Improve eye-hand coordination in reaching for and grasping objects, and filling and dumping. (B3)	PMP 18-2 Develops Fine Hand-Eye Coordination
36 months to 48 months	

Demonstrate growing strength, dexterity, and control needed to perform a variety of fine motor tasks. (B4)	PMP 18-1 Develops Dexterity and In-Hand Manipulation Skills
Demonstrate advancing strength, control, and eye-hand coordination. (B5)	PMP 18-2 Develops Fine Hand-Eye Coordination
Use strength and control to perform simple tasks. (B6)	PMP 18-1 Develops Dexterity and In-Hand Manipulation Skills
48 months and older	
Use eye-hand coordination to perform simple tasks. (B7)	PMP 18-2 Develops Fine Hand-Eye Coordination
Imitate writing by scribbling, usually without regard to direction or location. (B8)	PMP 18-1 Develops Dexterity and In-Hand Manipulation Skills
Show beginning control of writing, drawing, and art tools. (B9)	PMP 18-1 Develops Dexterity and In-Hand Manipulation Skills
Persist in accomplishing more difficult fine motor tasks. (B10)	PMP 18-1 Develops Dexterity and In-Hand Manipulation Skills
Progress in abilities to use writing, drawing and art tools and various types of technology. (B11)	PMP 18-1 Develops Dexterity and In-Hand Manipulation Skills
Strand 3: Health and Well-Being	
Birth to 18 months	
Demonstrate beginning participation in selfcare. (C1)	PMP 19-2 Develops Self-Care Skills
Consume a variety of nutritious foods from all food groups with assistance. (C2)	PMP 20-1 Learns about Nutrition
18 months to 36 months	
Participate in basic health and safety routines. (C3)	PMP 19-2 Develops Self-Care Skills PMP 20-2 Learns Safety Rules
Recognize and communicate health-related needs and/or interests. (C4)	PMP 20-1 Learns about Nutrition
36 months to 48 months	
Show increased physical growth, strength, stamina, and flexibility. (C5)	PMP 17-6 Develops Stamina for Extended Awake Periods and Play Times
Demonstrate increased participation in selfcare. (C6)	PMP 19-2 Develops Self-Care Skills
Demonstrate personal health and hygiene skills and understand that these practices help to maintain good health. (C7)	PMP 19-2 Develops Self-Care Skills
48 months and older	
Show awareness of healthy eating habits. (C8)	PMP 20-1 Learns about Nutrition
Participate actively in games, outdoor play, and other forms of exercise. (C9)	PMP 17-6 Develops Stamina for Extended Awake Periods and Play Times
Identify harmful objects, substances, or behaviors. (C10)	PMP 20-2 Learns Safety Rules

Be aware of and follow universal safety rules. (C11)	PMP 20-2 Learns Safety Rules
Perform self-care tasks independently. (C12)	PMP 19-2 Develops Self-Care Skills
Identify body parts and understand their functions. (C13)	LC 7-4 Expands Vocabulary SED 4-1 Develops Awareness of Self
Demonstrate the stamina and energy to participate in daily activities. (C14)	PMP 17-6 Develops Stamina for Extended Awake Periods and Play Times

DISCLAIMER:

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