

Activities for Exploring Nature with Young Children




Correlations to Florida Early Learning and Developmental Standards

Understanding and Using the Correlations Tables for Tree & Me: Activities for Exploring Nature with Young Children Guide

Focus:

The standards listed in the activity tables are from the Florida Early Learning and Developmental Standards. Standards are included for Scientific Inquiry, Language and Literacy, Mathematical Thinking, and Social Studies.

Ages:

Age levels targeted in the Guide activities are listed in the Tables. There are separate standards for ages 18-24 months, 2-4 years, 3-4 years and 4 years-Kindergarten (K), although there is often the same standard code with slightly different wording among the age level bands. While each activity specifically notes elements that are suitable for ages 1-3 years (signified by the symbol ) , correlations to all elements of each activity have been made for all of the aforementioned age groupings, as learning varies among individual students, even within the same age level. Furthermore, some activities may be adapted up or down between age levels.

Applicability of Standards to Activities:

Applicability of a standard to an activity is keyed to all sections of the activity – Featured Experience, Group Experiences, Free Exploration, and Family and Friends. If only some of the activity sections are used, the teacher must determine which standards will apply.

Level of Activity and Level of Complexity:

- The following key can be used to interpret the **Level of Activity** correlation presented in the Tables.
 - “1” indicates that the activity presents or reinforces a primary concept and idea.
 - “2” indicates that the activity includes some teaching of the concept and idea, and that the concept and idea are part of the focus of the activity.
 - “3” indicates that the activity teaches both the concept and idea and requires demonstration of the practice; therefore, upon successful completion of the activity, students will have met the performance expectation.

How to Read a Standard Code

Example: **VI.A.1.b** translated into words is: **Domain (Subject Area).Strand (Component).Standard.Benchmark.**

Web Links:

Each standard code is hot linked to the Florida Early Learning and Developmental Standards website (Website). To access a specific standard or benchmark, double click on the code and you will be directed to the Website for that age level (18-24 mo., 2-4 yrs., 3-4 yrs., or 4 yrs.-K), and all four targeted subject areas (Scientific Inquiry, Language and Literacy, Mathematical Thinking, and Social Studies) for the Tables. Once the Website opens, the desired standard can be accessed by scrolling down to the correct domain (subject area) for that standard. Locate the appropriate strand (component) and click on its colored title heading, and all of the standards and benchmarks that apply will be visible.

Search the Tables:

- The complete Trees & Me: Activities for Exploring Nature with Young Children Correlations Tables are available on the Florida Project Learning Tree website (<https://programs.ifas.ufl.edu/plt/>). To search the tables, open the document and then click the Control key and the F key (Ctrl + F); a search bar will open near the top of the document. Find an activity name, word, or standard number by typing it in the search bar. All references to your search will be listed.

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The Shape of Things **Activity 1/ Exploring Nature with Five Senses**

Standard Code	Age/ Grade	Standard/Benchmark	Subject	Level of Activity
<u>VI.A.1.b</u>	18-24 mo.	Explores the nature of sensory materials and experiences (e.g., different textures, sounds, tastes and wind)	Scientific Inquiry	1
<u>VI.A.2.a</u>	18-24 mo.	Recognizes and uses simple tools as props through play (e.g., spoons or brushes)	Scientific Inquiry	1
<u>VI.B.1.a</u>	18-24 mo.	Explores, interacts with and identifies some plants and animals	Scientific Inquiry	2
<u>VI.C.1.c</u>	18-24 mo.	Manipulates, explores and plays with objects to gain knowledge about them (e.g., moving, stacking)	Scientific Inquiry	1
<u>VI.F.1.a</u>	18-24 mo.	Uses simple tools to explore	Scientific Inquiry	2
<u>VI.A.1.b</u>	2-3 yrs.	Begins to use senses to observe and experience the environment	Scientific Inquiry	2
<u>VI.A.1.c</u>	2-3 yrs.	Begins to identify objects and features of the world (e.g., bird call, thunder, wind and fire truck)	Scientific Inquiry	1
<u>VI.A.2.a</u>	2-3 yrs.	Begins to use simple tools to explore and observe (e.g., magnifiers, spoons)	Scientific Inquiry	1
<u>VI.C.1.c</u>	2-3 yrs.	Begins to describe, compare, sort and classify objects based on observable physical characteristics (e.g., color, sound, weight)	Scientific Inquiry	2
<u>VI.E.1.a</u>	2-3 yrs.	Begins to describe familiar people and objects in the environment	Scientific Inquiry	1
<u>VI.E.1.b</u>	2-3 yrs.	Begins to participate in activities to protect the environment	Scientific Inquiry	1
<u>VI.F.1.a</u>	2-3 yrs.	Uses props to represent simple tools through play	Scientific Inquiry	2
<u>VI.F.1.c</u>	2-3 yrs.	Begins to explore materials and construct simple objects and structures and begins to explore motion and stability (e.g., block building, ramps, pathways, sand, playdough and knocking over a block tower)	Scientific Inquiry	2

<u>VI.A.1.b</u>	3-4 yrs.	Uses senses to observe and experience objects and environment	Scientific Inquiry	2
<u>VI.A.2.a</u>	3-4 yrs.	Demonstrates the use of simple tools and equipment for observing and investigating (e.g., droppers, blocks, bug catchers)	Scientific Inquiry	3
<u>VI.A.3.b</u>	3-4 yrs.	Participates in and discusses simple experiments	Scientific Inquiry	2
<u>VI.B.1.a</u>	3-4 yrs.	Observes and explores a variety of plants and animals and their environments (e.g., rabbits, birds, ladybugs, hermit crabs, eggs, butterflies and bugs in the garden)	Scientific Inquiry	1
<u>VI.E.1.a</u>	3-4 yrs.	Describes familiar people and objects in the environment	Scientific Inquiry	1
<u>VI.E.1.b</u>	3-4 yrs.	Participates in activities to protect the environment	Scientific Inquiry	1
<u>VI.F.1.c</u>	3-4 yrs.	Explores and constructs simple objects and structures with appropriate materials and explores concept of stability of structures (e.g., block building, ramps, pathways, sand, playdough and knocking over a block tower)	Scientific Inquiry	2
<u>VI.A.1.b</u>	4 yrs.-K	Begins to identify and make observations about what can be learned about the world using each of the five senses	Scientific Inquiry	1
<u>VI.A.2.a</u>	4 yrs.-K	Uses tools and various technologies to support exploration and inquiry (e.g., digital cameras, scales)	Scientific Inquiry	3
<u>VI.A.3.b</u>	4 yrs.-K	Collects and records data through drawing, writing, dictation and taking photographs (e.g., using tables, charts, drawings, tallies and graphs)	Scientific Inquiry	2
<u>VI.A.3.c</u>	4 yrs.-K	Begins to form conclusions and construct explanations (e.g., What do the results mean?)	Scientific Inquiry	1
<u>VI.B.1.a</u>	4 yrs.-K	Identifies characteristics of a variety of plants and animals including physical attributes and behaviors (e.g., camouflage, body covering, eye color, other adaptations, types of trees and where they grow)	Scientific Inquiry	2
<u>VI.B.1.b</u>	4 yrs.-K	Notices the similarities and differences among various living thing	Scientific Inquiry	1

<u>VI.D.1.b</u>	4 yrs.-K	Discovers, explores, sorts, compares, and contrasts objects that are naturally found in the environment, including rocks, soil, sand and mud, and recognizes relationships among the objects (e.g., nature walks with hand lenses, collection bag) (e.g., rocks, twigs, leaves and sea shells)	Scientific Inquiry	1
<u>VI.E.1.c</u>	4 yrs.-K	Identifies examples of organized efforts to protect the environment (e.g., recycling materials in the classroom)	Scientific Inquiry	2
<u>IV.A.1.a</u>	18-24 mo.	Engages in multiple back-and-forth communicative interactions with adults in purposeful and novel situations and responds to questions, requests and new information	Language and Literacy	2
<u>IV.A.1.b</u>	18-24 mo.	Responds appropriately to simple requests	Language and Literacy	2
<u>IV.A.1.c</u>	18-24 mo.	Uses nonverbal gestures to respond to adult's language and oral reading	Language and Literacy	1
<u>IV.A.2.a</u>	18-24 mo.	Responds verbally and nonverbally to spoken language	Language and Literacy	1
<u>IV.A.2.b</u>	18-24 mo.	Begins to participate in simple conversations	Language and Literacy	2
<u>IV.A.2.c</u>	18-24 mo.	Responds to language during conversations, songs, stories or other experiences	Language and Literacy	1
<u>IV.C.1.b</u>	18-24 mo.	Responds to requests (typically understands approximately 300 words)	Language and Literacy	1
<u>IV.E.1.a</u>	18-24 mo.	Engages in conversations by combining words or signs to indicate needs, wants or ideas, including one- or two-word questions and statements to initiate conversations	Language and Literacy	1
<u>IV.E.2.a</u>	18-24 mo.	Asks and responds to simple questions using one- to two-word phrases, gestures and facial expressions in back-and-forth exchanges with others	Language and Literacy	1
<u>IV.A.1.a</u>	2-3 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers during creative play and in purposeful and novel situations	Language and Literacy	2

<u>IV.A.3.a</u>	2-3 yrs.	Follows multi-step directions with reminders	Language and Literacy	2
<u>IV.C.1.a</u>	2-3 yrs.	Responds appropriately to almost all adult speech including requests involving multiple steps	Language and Literacy	1
<u>IV.D.2.a</u>	2-3 yrs.	Produces sentences or phrases of two to three words, including subject/verb/object (e.g., “Juan fell down.” “I did it.”)	Language and Literacy	1
<u>IV.E.2.a</u>	2-3 yrs.	Asks and responds to simple questions (e.g., “Who?” “What?” “Where?” “Why?”) using gestures and two- or three-word phrases in back-and-forth exchanges	Language and Literacy	1
<u>IV.A.1.a</u>	3-4 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers in purposeful and novel situations to reach a goal	Language and Literacy	2
<u>IV.A.1.b</u>	3-4 yrs.	Shows understanding by answering factual questions and responding appropriately to what is said	Language and Literacy	3
<u>IV.A.3.a</u>	3-4 yrs.	Achieves mastery of one-step directions and usually follows two-step directions	Language and Literacy	3
<u>IV.C.1.a</u>	3-4 yrs.	Begins to demonstrate understanding of age-appropriate vocabulary across multiple topic areas and demonstrates a variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	3
<u>IV.C.2.a</u>	3-4 yrs.	Adds new words to vocabulary weekly (e.g., repeats words and integrates new words in play scenarios) (typically has a speaking vocabulary of approximately 1,000 words)	Language and Literacy	1
<u>IV.C.2.b</u>	3-4 yrs.	Describes what objects are used for and is able to express ideas (e.g., names some colors, shapes, and says full name)	Language and Literacy	2
<u>IV.F.2.a</u>	3-4 yrs.	Listens and matches rhythm, volume and pitch of rhymes, songs and chants	Language and Literacy	2
<u>IV.A.1.a</u>	4 yrs.-K	Engages in multiple back-and-forth communicative interactions with adults (e. g., teacher-shared information, read-aloud books) and peers to set goals, follow rules, solve problems and share what is learned with others	Language and Literacy	2

<u>IV.A.3.a</u>	4 yrs.-K	Achieves mastery of two-step directions and usually follows three-step directions	Language and Literacy	3
<u>IV.C.1.a</u>	4 yrs.-K	Demonstrates understanding of age-appropriate vocabulary across many topic areas and demonstrates a wide variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	2
<u>IV.C.1.b</u>	4 yrs.-K	Demonstrates understanding of functional and organizational language (e.g., same and different, in front of and behind, next to, opposite, below) in multiple environments	Language and Literacy	2
<u>IV.C.1.c</u>	4 yrs.-K	Understands or knows the meaning of many thousands of words including subject area words (e.g., science, social studies, math and literacy), many more than he or she routinely uses (receptive language)	Language and Literacy	1
<u>IV.C.2.a</u>	4 yrs.-K	Uses a large speaking vocabulary, adding new words weekly (e.g., repeats words and uses them appropriately in context) (typically has a vocabulary of more than 1,500 words)	Language and Literacy	1
<u>IV.C.2.b</u>	4 yrs.-K	Uses a variety of word-meaning relationships (e.g., part-whole, object-function, object-location)	Language and Literacy	1
<u>IV.C.2.d</u>	4 yrs.-K	Uses words in multiple contexts, with the understanding that some words have multiple meanings	Language and Literacy	2
<u>V.D.1</u>	18-24 mo.	Begins to match basic shapes	Mathematical Thinking	3
<u>V.E.1</u>	18-24 mo.	Uses body to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	2
<u>V.F.1</u>	18-24 mo.	Uses appropriate size words or gestures (small, big) to describe objects accurately	Mathematical Thinking	2
<u>V.D.1</u>	2-3 yrs.	Matches basic shapes (circle, square) nonverbally	Mathematical Thinking	3
<u>V.E.1</u>	2-3 yrs.	Begins to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	2

<u>V.E.2</u>	2-3 yrs.	Manipulates objects by flipping, sliding and rotating to make them fit	Mathematical Thinking	2
<u>V.D.1</u>	3-4 yrs.	Recognizes and names typical shapes (circle, square, triangle)	Mathematical Thinking	3
<u>V.D.2</u>	3-4 yrs.	Matches a wider variety of shapes and orientations	Mathematical Thinking	3
<u>V.D.3</u>	3-4 yrs.	Explores three-dimensional shapes in the environment through play	Mathematical Thinking	3
<u>V.D.1</u>	4 yrs.-K	Recognizes and names two-dimensional shapes (circle, square, triangle and rectangle) of different size and orientation	Mathematical Thinking	3
<u>V.D.2</u>	4 yrs.-K	Describes, sorts and classifies two- and three-dimensional shapes using some attributes such as size, sides and other properties (e.g., vertices)	Mathematical Thinking	3
<u>VII.F.1</u>	18-24 mo.	Begins to follow simple requests	Social Studies	1
<u>VII.F.2</u>	18-24 mo.	Responds to problems in the environment	Social Studies	2
<u>VII.H.1</u>	18-24 mo.	Begins to recognize there are tools and machines (e.g., spoon for eating, cups and containers used in play, or wagon or cart used in the play area)	Social Studies	1
<u>V.G.2</u>	2-3 yrs.	Shows awareness of occupations	Social Studies	1
<u>VII.D.2</u>	3-4 yrs.	Identifies own environment and other locations	Social Studies	1
<u>VII.G.2</u>	3-4 yrs.	Recognizes familiar people who perform different occupations	Social Studies	1
<u>VII.H.1</u>	3-4 yrs.	Uses technology as a tool when appropriate (e.g., writing utensils, electronic toys, DVD, music players, digital cameras, computers or tablets)	Social Studies	1
<u>VII.D.2</u>	4 yrs.-K	Identifies differences and similarities between own environment and other locations	Social Studies	1
<u>VII.H.1</u>	4 yrs.-K	Uses and shows awareness of technology and its impact on how people live (e.g., computers, tablets, mobile devices, cameras or music players)	Social Studies	2

Sounds Around**Activity 2/ Exploring Nature with Five Senses**

Standard Code	Age/ Grade	Standard/Benchmark	Subject	Level of Activity
<u>VI.A.1.b</u>	18-24 mo.	Explores the nature of sensory materials and experiences (e.g., different textures, sounds, tastes and wind)	Scientific Inquiry	1
<u>VI.A.2.a</u>	18-24 mo.	Recognizes and uses simple tools as props through play (e.g., spoons or brushes)	Scientific Inquiry	1
<u>VI.A.3.a</u>	18-24 mo.	Begins to combine simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	1
<u>VI.E.1.a</u>	18-24 mo.	Identifies familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.F.1.a</u>	18-24 mo.	Uses simple tools to explore	Scientific Inquiry	2
<u>VI.A.1.b</u>	2-3 yrs.	Begins to use senses to observe and experience the environment	Scientific Inquiry	2
<u>VI.A.1.c</u>	2-3 yrs.	Begins to identify objects and features of the world (e.g., bird call, thunder, wind and fire truck)	Scientific Inquiry	2
<u>VI.A.2.a</u>	2-3 yrs.	Begins to use simple tools to explore and observe (e.g., magnifiers, spoons)	Scientific Inquiry	1
<u>VI.A.3.a</u>	2-3 yrs.	Combines simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	2
<u>VI.E.1.a</u>	2-3 yrs.	Begins to describe familiar people and objects in the environment	Scientific Inquiry	1
<u>VI.A.1.b</u>	3-4 yrs.	Uses senses to observe and experience objects and environment	Scientific Inquiry	2
<u>VI.A.2.a</u>	3-4 yrs.	Demonstrates the use of simple tools and equipment for observing and investigating (e.g., droppers, blocks, bug catchers)	Scientific Inquiry	3
<u>VI.A.3.b</u>	3-4 yrs.	Participates in and discusses simple experiments	Scientific Inquiry	3

<u>VI.B.1.d</u>	3-4 yrs.	Explores the differences between living and non-living things	Scientific Inquiry	1
<u>VI.E.1.a</u>	3-4 yrs.	Describes familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.A.1.b</u>	4 yrs.–K	Begins to identify and make observations about what can be learned about the world using each of the five senses	Scientific Inquiry	1
<u>VI.A.1.c</u>	4 yrs.–K	Begins to understand that individuals may experience sensory events differently from each other (e.g., may like sound of loud noises or feel of fuzzy fabric)	Scientific Inquiry	2
<u>VI.A.2.a</u>	4 yrs.–K	Uses tools and various technologies to support exploration and inquiry (e.g., digital cameras, scales)	Scientific Inquiry	3
<u>VI.A.3.c</u>	4 yrs.–K	Begins to form conclusions and construct explanations (e.g., What do the results mean?)	Scientific Inquiry	2
<u>VI.B.1.d</u>	4 yrs.-K	Begins to distinguish between living and non-living things	Scientific Inquiry	1
<u>IV.A.1.a</u>	18-24 mo.	Engages in multiple back-and-forth communicative interactions with adults in purposeful and novel situations and responds to questions, requests and new information	Language and Literacy	2
<u>IV.A.1.b</u>	18-24 mo.	Responds appropriately to simple requests	Language and Literacy	2
<u>IV.A.2.a</u>	18-24 mo.	Responds verbally and nonverbally to spoken language	Language and Literacy	2
<u>IV.A.2.b</u>	18-24 mo.	Begins to participate in simple conversations	Language and Literacy	2
<u>IV.A.2.c</u>	18-24 mo.	Responds to language during conversations, songs, stories or other experiences	Language and Literacy	1
<u>IV.A.3.a</u>	18-24 mo.	Follows simple one-step directions with scaffolding	Language and Literacy	1
<u>IV.C.1.b</u>	18-24 mo.	Responds to requests (typically understands approximately 300 words)	Language and Literacy	1

<u>IV.E.1.a</u>	18-24 mo.	Engages in conversations by combining words or signs to indicate needs, wants or ideas, including one- or two-word questions and statements to initiate conversations	Language and Literacy	1
<u>IV.E.2.a</u>	18-24 mo.	Asks and responds to simple questions using one- to two-word phrases, gestures and facial expressions in back-and-forth exchanges with others	Language and Literacy	1
<u>IV.A.1.a</u>	2-3 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers during creative play and in purposeful and novel situations	Language and Literacy	2
<u>IV.A.2.a</u>	2-3 yrs.	Responds to an adult's simple questions about what is being learned	Language and Literacy	2
<u>IV.A.2.b</u>	2-3 yrs.	Participates in simple conversations	Language and Literacy	1
<u>IV.A.2.c</u>	2-3 yrs.	Identifies specific sounds, such as animal sounds and environmental sounds	Language and Literacy	3
<u>IV.A.3.a</u>	2-3 yrs.	Follows multi-step directions with reminders	Language and Literacy	2
<u>IV.C.1.a</u>	2-3 yrs.	Responds appropriately to almost all adult speech including requests involving multiple steps	Language and Literacy	1
<u>IV.E.2.a</u>	2-3 yrs.	Asks and responds to simple questions (e.g., “Who?” “What?” “Where?” “Why?”) using gestures and two- or three-word phrases in back-and-forth exchanges	Language and Literacy	2
<u>IV.F.1.b</u>	2-3 yrs.	Demonstrates that pictures represent real objects, events and ideas (stories)	Language and Literacy	2
<u>IV.A.3.a</u>	3-4 yrs.	Achieves mastery of one-step directions and usually follows two-step directions	Language and Literacy	2
<u>IV.C.1.a</u>	3-4 yrs.	Begins to demonstrate understanding of age-appropriate vocabulary across multiple topic areas and demonstrates a variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	3

<u>IV.C.2.a</u>	3-4 yrs.	Adds new words to vocabulary weekly (e.g., repeats words and integrates new words in play scenarios) (typically has a speaking vocabulary of approximately 1,000 words)	Language and Literacy	1
<u>IV.C.2.b</u>	3-4 yrs.	Describes what objects are used for and is able to express ideas (e.g., names some colors, shapes, and says full name)	Language and Literacy	2
<u>IV.F.1.b</u>	3-4 yrs.	Begins to make real-world connections between stories and real-life experiences	Language and Literacy	1
<u>IV.A.3.a</u>	4 yrs.-K	Achieves mastery of two-step directions and usually follows three-step directions	Language and Literacy	3
<u>IV.C.1.a</u>	4 yrs.-K	Demonstrates understanding of age-appropriate vocabulary across many topic areas and demonstrates a wide variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	2
<u>IV.C.1.b</u>	4 yrs. -K	Demonstrates understanding of functional and organizational language (e.g., same and different, in front of and behind, next to, opposite, below) in multiple environments	Language and Literacy	2
<u>IV.C.1.c</u>	4 yrs.-K	Understands or knows the meaning of many thousands of words including subject area words (e.g., science, social studies, math and literacy), many more than he or she routinely uses (receptive language)	Language and Literacy	1
<u>IV.C.2.a</u>	4 yrs.-K	Uses a large speaking vocabulary, adding new words weekly (e.g., repeats words and uses them appropriately in context) (typically has a vocabulary of more than 1,500 words)	Language and Literacy	1
<u>IV.C.2.b</u>	4 yrs.-K	Uses a variety of word-meaning relationships (e.g., part-whole, object-function, object-location)	Language and Literacy	1
<u>IV.C.2.d</u>	4 yrs.-K	Uses words in multiple contexts, with the understanding that some words have multiple meanings	Language and Literacy	2
<u>IV.F.1.b</u>	4 yrs.-K	Begins to make real-world connections between stories and real-life experiences	Language and Literacy	1
<u>VII.F.1</u>	18-24 mo.	Begins to follow simple requests	Social Studies	1

VII.F.2	18-24 mo.	Shows more complex responses to people and objects	Social Studies	1
VII.H.1	18-24 mo.	Begins to recognize there are tools and machines (e.g., spoon for eating, cups and containers used in play, or wagon or cart used in the play area)	Social Studies	1
VII.G.2	2-3 yrs.	Shows awareness of occupations	Social Studies	1
VII.H.1	2-3 yrs.	Explores technology tools and interactive media (e.g., writing utensils, electronic toys, DVD and music players)	Social Studies	1
VII.D.2	3-4 yrs.	Identifies own environment and other locations	Social Studies	1
VII.H.1	3-4 yrs.	Uses technology as a tool when appropriate (e.g., writing utensils, electronic toys, DVD, music players, digital cameras, computers or tablets)	Social Studies	1
VII.D.2	4 yrs.-K	Identifies differences and similarities between own environment and other locations	Social Studies	1
VII.H.1	4 yrs.-K	Uses and shows awareness of technology and its impact on how people live (e.g., computers, tablets, mobile devices, cameras or music players)	Social Studies	1

Tree Textures **Activity 3/ Exploring Nature with Five Senses**

Standard Code	Age/ Grade	Standard/Benchmark	Subject	Level of Activity
VI.A.1.b	18-24 mo.	Explores the nature of sensory materials and experiences (e.g., different textures, sounds, tastes and wind)	Scientific Inquiry	1
VI.A.2.a	18-24 mo.	Recognizes and uses simple tools as props through play (e.g., spoons or brushes)	Scientific Inquiry	1
VI.A.3.a	18-24 mo.	Begins to combine simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	1
VI.B.1.a	18-24 mo.	Explores, interacts with and identifies some plants and animals	Scientific Inquiry	1
VI.E.1.a	18-24 mo.	Identifies familiar people and objects in the environment	Scientific Inquiry	2

<u>VI.F.1.a</u>	18-24 mo.	Uses simple tools to explore	Scientific Inquiry	1
<u>VI.A.1.b</u>	2-3 yrs.	Begins to use senses to observe and experience the environment	Scientific Inquiry	2
<u>VI.A.1.c</u>	2-3 yrs.	Begins to identify objects and features of the world (e.g., bird call, thunder, wind and fire truck)	Scientific Inquiry	1
<u>VI.A.2.a</u>	2-3 yrs.	Begins to use simple tools to explore and observe (e.g., magnifiers, spoons)	Scientific Inquiry	1
<u>VI.A.3.a</u>	2-3 yrs.	Combines simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	1
<u>VI.B.1.a</u>	2-3 yrs.	Explores, interacts with and identifies a growing number and variety of plants and animals	Scientific Inquiry	1
<u>VI.C.1.c</u>	2-3 yrs.	Begins to describe, compare, sort and classify objects based on observable physical characteristics (e.g., color, sound, weight)	Scientific Inquiry	2
<u>VI.C.1.d</u>	2-3 yrs.	Begins to use words to describe basic physical properties and states of matter of objects (e.g., wet/dry, hard/soft, warm/cold, firm/squishy)	Scientific Inquiry	2
<u>VI.E.1.a</u>	2-3 yrs.	Begins to describe familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.A.1.b</u>	3-4 yrs.	Uses senses to observe and experience objects and environment	Scientific Inquiry	2
<u>I.A.3.a</u>	3-4 yrs.	Makes simple predictions and reflects on what caused something to happen	Scientific Inquiry	2
<u>VI.A.3.b</u>	3-4 yrs.	Participates in and discusses simple experiments	Scientific Inquiry	2
<u>VI.A.3.c</u>	3-4 yrs.	Represents ideas and observations through drawings or using other forms of representation (e.g., manipulatives or different objects)	Scientific Inquiry	2
<u>VI.B.1.a</u>	3-4 yrs.	Observes and explores a variety of plants and animals and their environments (e.g., rabbits, birds, ladybugs, hermit crabs, eggs, butterflies and bugs in the garden)	Scientific Inquiry	1
<u>VI.B.1.b</u>	3-4 yrs.	Begins to notice the similarities and differences among various living things	Scientific Inquiry	2

<u>VI.B.1.c</u>	3-4 yrs.	Explores the differences between living and non-living things	Scientific Inquiry	1
<u>VI.E.1.a</u>	3-4 yrs.	Describes familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.A.1.b</u>	4 yrs.-K	Begins to identify and make observations about what can be learned about the world using each of the five senses	Scientific Inquiry	1
<u>VI.A.1.c</u>	4 yrs.-K	Begins to understand that individuals may experience sensory events differently from each other (e.g., may like sound of loud noises or feel of fuzzy fabric)	Scientific Inquiry	2
<u>VI.A.3.a</u>	4 yrs.-K	Makes predictions and tests their predictions through experimentation and investigation	Scientific Inquiry	2
<u>VI.A.3.b</u>	4 yrs.-K	Collects and records data through drawing, writing, dictation and taking photographs (e.g., using tables, charts, drawings, tallies and graphs)	Scientific Inquiry	2
<u>VI.A.3.c</u>	4 yrs.-K	Begins to form conclusions and construct explanations (e.g., What do the results mean?)	Scientific Inquiry	2
<u>VI.A.3.d</u>	4 yrs.-K	Shares findings and outcomes of experiments	Scientific Inquiry	2
<u>VI.B.1.a</u>	4 yrs.-K	Identifies characteristics of a variety of plants and animals including physical attributes and behaviors (e.g., camouflage, body covering, eye color, other adaptations, types of trees and where they grow)	Scientific Inquiry	2
<u>VI.B.1.b</u>	4 yrs.-K	Notices the similarities and differences among various living things	Scientific Inquiry	2
<u>VI.B.1.c</u>	4 yrs.-K	Begins to distinguish between living and non-living things	Scientific Inquiry	1
<u>VI.D.1.b</u>	4 yrs.-K	Discovers, explores, sorts, compares, and contrasts objects that are naturally found in the environment, including rocks, soil, sand and mud, and recognizes relationships among the objects (e.g., nature walks with hand lenses, collection bag) (e.g., rocks, twigs, leaves and sea shells)	Scientific Inquiry	1
<u>IV.A.1.a</u>	18-24 mo.	Engages in multiple back-and-forth communicative interactions with adults in purposeful and novel situations and responds to questions, requests and new information	Language and Literacy	2

<u>IV.A.1.b</u>	18-24 mo.	Responds appropriately to simple requests	Language and Literacy	2
<u>IV.A.2.a</u>	18-24 mo.	Responds verbally and nonverbally to spoken language	Language and Literacy	2
<u>IV.A.2.b</u>	18-24 mo.	Begins to participate in simple conversations	Language and Literacy	1
<u>IV.A.2.c</u>	18-24 mo.	Responds to language during conversations, songs, stories or other experiences	Language and Literacy	1
<u>IV.A.3.a</u>	18-24 mo.	Follows simple one-step directions with scaffolding	Language and Literacy	2
<u>IV.C.1.b</u>	18-24 mo.	Responds to requests (typically understands approximately 300 words)	Language and Literacy	2
<u>IV.D.2.a</u>	18-24 mo.	Produces phrases of two words including labeling (e.g., “that dog”), action/agent (e.g., “mommy hug”) and object/attribute (e.g., “soup hot”)	Language and Literacy	1
<u>IV.E.1.a</u>	18-24 mo.	Engages in conversations by combining words or signs to indicate needs, wants or ideas, including one- or two-word questions and statements to initiate conversations	Language and Literacy	1
<u>IV.E.2.a</u>	18-24 mo.	Asks and responds to simple questions using one- to two-word phrases, gestures and facial expressions in back-and-forth exchanges with others	Language and Literacy	1
<u>IV.A.1.a</u>	2-3 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers during creative play and in purposeful and novel situations	Language and Literacy	2
<u>IV.A.2.a</u>	2-3 yrs.	Responds to an adult's simple questions about what is being learned	Language and Literacy	2
<u>IV.A.3.a</u>	2-3 yrs.	Follows multi-step directions with reminders	Language and Literacy	2
<u>IV.C.1.a</u>	2-3 yrs.	Responds appropriately to almost all adult speech including requests involving multiple steps	Language and Literacy	2
<u>IV.D.2.a</u>	2-3 yrs.	Produces sentences or phrases of two to three words, including subject/verb/object (e.g., “Juan fell down.” “I did it.”)	Language and Literacy	2

<u>IV.E.2.a</u>	2-3 yrs.	Asks and responds to simple questions (e.g., “Who?” “What?” “Where?” “Why?”) using gestures and two- or three-word phrases in back-and-forth exchanges	Language and Literacy	1
<u>IV.A.1.a</u>	3-4 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers in purposeful and novel situations to reach a goal	Language and Literacy	2
<u>IV.A.1.b</u>	3-4 yrs.	Shows understanding by answering factual questions and responding appropriately to what is said	Language and Literacy	3
<u>IV.A.2.b</u>	3-4 yrs.	Observes simple aspects of child's world and responds and react	Language and Literacy	2
<u>IV.A.3.a</u>	3-4 yrs.	Achieves mastery of one-step directions and usually follows two-step directions	Language and Literacy	3
<u>IV.C.1.a</u>	3-4 yrs.	Begins to demonstrate understanding of age-appropriate vocabulary across multiple topic areas and demonstrates a variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	3
<u>IV.C.2.a</u>	3-4 yrs.	Adds new words to vocabulary weekly (e.g., repeats words and integrates new words in play scenarios) (typically has a speaking vocabulary of approximately 1,000 words)	Language and Literacy	1
<u>IV.C.2.b</u>	3-4 yrs.	Describes what objects are used for and is able to express ideas (e.g., names some colors, shapes, and says full name)	Language and Literacy	2
<u>IV.E.1.a</u>	3-4 yrs.	Engages in conversations using sentences with four or more words, participates in simple, back-and-forth conversations to exchange ideas or information	Language and Literacy	1
<u>IV.E.2.a</u>	3-4 yrs.	Asks and responds to increasingly longer and more complex sentences and simple questions	Language and Literacy	1
<u>IV.F.2.a</u>	3-4 yrs.	Listens and matches rhythm, volume and pitch of rhymes, songs and chants	Language and Literacy	2
<u>IV.A.1.a</u>	4 yrs.-K	Engages in multiple back-and-forth communicative interactions with adults (e. g., teacher-shared information, read-aloud books) and peers to set goals, follow rules, solve problems and share what is learned with others	Language and Literacy	2

<u>IV.A.1.b</u>	4 yrs.-K	Shows understanding by asking and answering factual, predictive and inferential questions, adding comments relevant to the topic and reacting appropriately to what is said	Language and Literacy	2
<u>IV.A.3.a</u>	4 yrs.-K	Achieves mastery of two-step directions and usually follows three-step directions	Language and Literacy	3
<u>IV.C.1.a</u>	4 yrs.-K	Demonstrates understanding of age-appropriate vocabulary across many topic areas and demonstrates a wide variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	2
<u>IV.C.1.b</u>	4 yrs.-K	Demonstrates understanding of functional and organizational language (e.g., same and different, in front of and behind, next to, opposite, below) in multiple environments	Language and Literacy	2
<u>IV.C.1.c</u>	4 yrs.-K	Understands or knows the meaning of many thousands of words including subject area words (e.g., science, social studies, math and literacy), many more than he or she routinely uses (receptive language)	Language and Literacy	1
<u>IV.C.2.a</u>	4 yrs.-K	Uses a large speaking vocabulary, adding new words weekly (e.g., repeats words and uses them appropriately in context) (typically has a vocabulary of more than 1,500 words)	Language and Literacy	1
<u>IV.C.2.b</u>	4 yrs.-K	Uses a variety of word-meaning relationships (e.g., part-whole, object-function, object-location)	Language and Literacy	1
<u>IV.C.2.d</u>	4 yrs.-K	Uses words in multiple contexts, with the understanding that some words have multiple meanings	Language and Literacy	2
<u>IV.E.1.a</u>	4 yrs.-K	Engages in conversations with two to three back-and-forth turns using language, gestures, and expressions (e.g., words related to social conventions like “please” and “thank you”)	Language and Literacy	1
<u>IV.E.2.a</u>	4 yrs.-K	Asks and responds to more complex statements and questions, follows another's conversational lead, maintains multi-turn conversations, appropriately introduces new content and appropriately initiates or ends conversations	Language and Literacy	1
<u>V.D.2</u>	18-24 mo.	Begins to sort familiar objects into two groups based on size	Mathematical Thinking	2

V.C.2	2-3 yrs.	Recognizes a simple AB pattern (e.g., clap/snap, clap/snap, clap/snap)	Mathematical Thinking	1
V.F.2	2-3 yrs.	Compares sets of objects by one attribute (e.g., sort by size)	Mathematical Thinking	2
V.E.1	3-4 yrs.	Demonstrates an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	1
V.F.4	3-4 yrs.	Participates in group sorting and data collection	Mathematical Thinking	2
VII.F.1	18-24 mo.	Begins to follow simple requests	Social Studies	1
VII.D.2	2-3 yrs.	Explores own environment	Social Studies	1
VII.F.2	2-3 yrs.	Demonstrates emerging problem-solving and decision-making skills	Social Studies	1
VII.G.2	2-3 yrs.	Shows awareness of occupations	Social Studies	1

Follow Your Nose

Activity 4/ Exploring Nature with Five Senses

Standard Code	Age/Grade	Standard/Benchmark	Subject	Level of Activity
VI.A.1.b	18-24 mo.	Explores the nature of sensory materials and experiences (e.g., different textures, sounds, tastes and wind)	Scientific Inquiry	2
VI.A.2.a	18-24 mo.	Recognizes and uses simple tools as props through play (e.g., spoons or brushes)	Scientific Inquiry	2
VI.A.3.a	18-24 mo.	Begins to combine simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	1
VI.E.1.a	18-24 mo.	Identifies familiar people and objects in the environment	Scientific Inquiry	1
VI.F.1.a	18-24 mo.	Uses simple tools to explore	Scientific Inquiry	2

<u>VI.A.1.b</u>	2-3 yrs.	Begins to use senses to observe and experience the environment	Scientific Inquiry	3
<u>VI.A.2.a</u>	2-3 yrs.	Begins to use simple tools to explore and observe (e.g., magnifiers, spoons)	Scientific Inquiry	2
<u>VI.A.3.a</u>	2-3 yrs.	Combines simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	2
<u>VI.A.3.b</u>	2-3 yrs.	Recognizes and begins to respond to results of own actions	Scientific Inquiry	2
<u>VI.E.1.a</u>	2-3 yrs.	Begins to describe familiar people and objects in the environment	Scientific Inquiry	1
<u>VI.A.1.a</u>	3-4 yrs.	Begins to identify each of the five senses and how they relate to the sense organs	Scientific Inquiry	1
<u>VI.A.1.b</u>	3-4 yrs.	Uses senses to observe and experience objects and environment	Scientific Inquiry	2
<u>VI.A.2.a</u>	3-4 yrs.	Demonstrates the use of simple tools and equipment for observing and investigating (e.g., droppers, blocks, bug catchers)	Scientific Inquiry	3
<u>VI.A.3.b</u>	3-4 yrs.	Participates in and discusses simple experiments	Scientific Inquiry	2
<u>VI.A.3.c</u>	3-4 yrs.	Represents ideas and observations through drawings or using other forms of representation (e.g., manipulatives or different objects)	Scientific Inquiry	3
<u>VI.A.1.a</u>	4 yrs.-K	Identifies each of the five senses and their relationship to each of the sense organs	Scientific Inquiry	1
<u>VI.A.1.b</u>	4 yrs.-K	Begins to identify and make observations about what can be learned about the world using each of the five senses	Scientific Inquiry	1
<u>VI.A.1.c</u>	4 yrs.-K	Begins to understand that individuals may experience sensory events differently from each other (e.g., may like sound of loud noises or feel of fuzzy fabric)	Scientific Inquiry	2
<u>VI.A.2.a</u>	4 yrs.-K	Uses tools and various technologies to support exploration and inquiry (e.g., digital cameras, scales)	Scientific Inquiry	3
<u>VI.A.3.b</u>	4 yrs.-K	Collects and records data through drawing, writing, dictation and taking photographs (e.g., using tables, charts, drawings, tallies and graphs)	Scientific Inquiry	3

<u>VI.A.3.c</u>	4 yrs.-K	Begins to form conclusions and construct explanations (e.g., What do the results mean?)	Scientific Inquiry	1
<u>VI.A.3.d</u>	4 yrs.-K	Shares findings and outcomes of experiments	Scientific Inquiry	2
<u>VI.B.1.a</u>	4 yrs.-K	Identifies characteristics of a variety of plants and animals including physical attributes and behaviors (e.g., camouflage, body covering, eye color, other adaptations, types of trees and where they grow)	Scientific Inquiry	1
<u>VI.D.1.b</u>	4 yrs.-K	Discovers, explores, sorts, compares, and contrasts objects that are naturally found in the environment, including rocks, soil, sand and mud, and recognizes relationships among the objects (e.g., nature walks with hand lenses, collection bag) (e.g., rocks, twigs, leaves and sea shells)	Scientific Inquiry	1
<u>VI.E.1.a</u>	4 yrs.-K	Demonstrates how people use objects and natural resources in the environment	Scientific Inquiry	3
<u>IV.A.1.a</u>	18-24 mo.	Engages in multiple back-and-forth communicative interactions with adults in purposeful and novel situations and responds to questions, requests and new information	Language and Literacy	2
<u>IV.A.1.b</u>	18-24 mo.	Responds appropriately to simple requests	Language and Literacy	2
<u>IV.A.2.a</u>	18-24 mo.	Responds verbally and nonverbally to spoken language	Language and Literacy	2
<u>IV.A.2.b</u>	18-24 mo.	Begins to participate in simple conversations	Language and Literacy	2
<u>IV.A.2.c</u>	18-24 mo.	Responds to language during conversations, songs, stories or other experiences	Language and Literacy	1
<u>IV.A.3.a</u>	18-24 mo.	Follows simple one-step directions with scaffolding	Language and Literacy	1
<u>IV.C.1.b</u>	18-24 mo.	Responds to requests (typically understands approximately 300 words)	Language and Literacy	2

<u>IV.E.1.a</u>	18-24 mo.	Engages in conversations by combining words or signs to indicate needs, wants or ideas, including one- or two-word questions and statements to initiate conversations	Language and Literacy	1
<u>IV.E.2.a</u>	18-24 mo.	Asks and responds to simple questions using one- to two-word phrases, gestures and facial expressions in back-and-forth exchanges with others	Language and Literacy	1
<u>IV.F.1.b</u>	18-24 mo.	Learns that pictures represent real objects, events and ideas (stories)	Language and Literacy	1
<u>IV.G.1.a</u>	18-24 mo.	Makes more controlled scribbling (e.g., using paintbrush and paint or finger in shaving cream)	Language and Literacy	1
<u>IV.A.1.a</u>	2-3 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers during creative play and in purposeful and novel situations	Language and Literacy	2
<u>IV.A.1.b</u>	2-3 yrs.	Listens to and attends to spoken language and read-aloud texts and responds in ways that signal understanding using simple verbal responses and nonverbal gestures	Language and Literacy	1
<u>IV.A.2.a</u>	2-3 yrs.	Responds to an adult's simple questions about what is being learned	Language and Literacy	1
<u>IV.A.2.b</u>	2-3 yrs.	Participates in simple conversations	Language and Literacy	2
<u>IV.A.3.a</u>	2-3 yrs.	Follows multi-step directions with reminders	Language and Literacy	2
<u>IV.C.1.a</u>	2-3 yrs.	Responds appropriately to almost all adult speech including requests involving multiple steps	Language and Literacy	2
<u>IV.C.1.b</u>	2-3 yrs.	Demonstrates understanding of words across varied topics, including words or lines from books, songs and stories, as well as body parts (typically understands between 500-900 words)	Language and Literacy	1
<u>IV.E.2.a</u>	2-3 yrs.	Asks and responds to simple questions (e.g., “Who?” “What?” “Where?” “Why?”) using gestures and two- or three-word phrases in back-and-forth exchanges	Language and Literacy	1

<u>IV.F.1.b</u>	2-3 yrs.	Demonstrates that pictures represent real objects, events and ideas (stories)	Language and Literacy	2
<u>IV.F.3.a</u>	2-3 yrs.	Begins to recognize that print and other symbols convey meaning (e.g., common signs, lists, nametags, labels)	Language and Literacy	1
<u>IV.G.1.a</u>	2-3 yrs.	Begins to use scribbles, marks and drawings to represent thoughts and ideas	Language and Literacy	2
<u>IV.A.1.a</u>	3-4 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers in purposeful and novel situations to reach a goal	Language and Literacy	2
<u>IV.A.1.b</u>	3-4 yrs.	Shows understanding by answering factual questions and responding appropriately to what is said	Language and Literacy	3
<u>IV.A.3.a</u>	3-4 yrs.	Achieves mastery of one-step directions and usually follows two-step directions	Language and Literacy	3
<u>IV.C.1.a</u>	3-4 yrs.	Begins to demonstrate understanding of age-appropriate vocabulary across multiple topic areas and demonstrates a variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	3
<u>IV.C.2.a</u>	3-4 yrs.	Adds new words to vocabulary weekly (e.g., repeats words and integrates new words in play scenarios) (typically has a speaking vocabulary of approximately 1,000 words)	Language and Literacy	1
<u>IV.C.2.b</u>	3-4 yrs.	Describes what objects are used for and is able to express ideas (e.g., names some colors, shapes, and says full name)	Language and Literacy	2
<u>IV.F.2.b</u>	3-4 yrs.	Begins to make real-world connections between stories and real-life experiences	Language and Literacy	1
<u>IV.A.1.a</u>	4 yrs.-K	Engages in multiple back-and-forth communicative interactions with adults (e. g., teacher-shared information, read-aloud books) and peers to set goals, follow rules, solve problems and share what is learned with others	Language and Literacy	2
<u>IV.A.1.b</u>	4 yrs.-K	Shows understanding by asking and answering factual, predictive and inferential questions, adding comments relevant to the topic and reacting appropriately to what is said	Language and Literacy	2

<u>IV.A.3.a</u>	4 yrs.-K	Achieves mastery of two-step directions and usually follows three-step directions	Language and Literacy	3
<u>IV.C.1.a</u>	4 yrs.-K	Demonstrates understanding of age-appropriate vocabulary across many topic areas and demonstrates a wide variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	2
<u>IV.C.1.b</u>	4 yrs.-K	Demonstrates understanding of functional and organizational language (e.g., same and different, in front of and behind, next to, opposite, below) in multiple environments	Language and Literacy	2
<u>IV.C.1.c</u>	4 yrs.-K	Understands or knows the meaning of many thousands of words including subject area words (e.g., science, social studies, math and literacy), many more than he or she routinely uses (receptive language)	Language and Literacy	1
<u>IV.C.2.a</u>	4 yrs.-K	Uses a large speaking vocabulary, adding new words weekly (e.g., repeats words and uses them appropriately in context) (typically has a vocabulary of more than 1,500 words)	Language and Literacy	1
<u>IV.C.2.b</u>	4 yrs.-K	Uses a variety of word-meaning relationships (e.g., part-whole, object-function, object-location)	Language and Literacy	1
<u>IV.F.2.b</u>	4 yrs.-K	Makes real-world connections between stories and real-life experiences	Language and Literacy	1
<u>V.A.2</u>	18-24 mo.	Begins to count groups of one and two objects in daily routine	Mathematical Thinking	2
<u>V.E.1</u>	18-24 mo.	Uses body to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	1
<u>V.A.2</u>	2-3 yrs.	Begins to count groups of one to five objects in daily routine	Mathematical Thinking	1
<u>V.E.1</u>	2-3 yrs.	Begins to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	1
<u>V.A.2</u>	3-4 yrs.	Counts and identifies the number sequence “1 to 10”	Mathematical Thinking	1

<u>V.A.6</u>	3-4 yrs.	Constructs and counts sets of one to five and beyond	Mathematical Thinking	2
<u>V.F.4</u>	3-4 yrs.	Participates in group sorting and data collection	Mathematical Thinking	3
<u>V.A.5</u>	4 yrs.-K	Constructs and counts sets of objects (one to 10 and beyond)	Mathematical Thinking	2
<u>V.F.4</u>	4 yrs.-K	Represents, analyzes and discusses data (e.g. charts, graphs and tallies)	Mathematical Thinking	3
<u>VII.F.1</u>	18-24 mo.	Begins to follow simple requests	Social Studies	2
<u>VII.H.1</u>	18-24 mo.	Begins to recognize there are tools and machines (e.g., spoon for eating, cups and containers used in play, or wagon or cart used in the play area)	Social Studies	1
<u>VII.D.2</u>	2-3 yrs.	Explores own environment	Social Studies	2
<u>VII.E.1</u>	2-3 yrs.	Begins to sequence events	Social Studies	1
<u>VII.G.2</u>	2-3 yrs.	Shows awareness of occupations	Social Studies	1
<u>VII.E.1</u>	3-4 yrs.	Recognizes sequence of events to establish a sense of order and time	Social Studies	2
<u>VII.E.2</u>	3-4 yrs.	Explores changes that take place over time in the immediate environment	Social Studies	1
<u>VII.F.2</u>	3-4 yrs.	Recognizes familiar people who perform different occupations	Social Studies	1
<u>VII.E.1</u>	4 yrs.-K	Identifies changes within a sequence of events to establish a sense of order and time	Social Studies	2
<u>VII.E.2</u>	4 yrs.-K	Observes and recognizes changes that take place over time in the immediate environment	Social Studies	1

Fall for Trees**Activity 5/ Experiencing Trees Through the Seasons**

Standard Code	Age/ Grade	Standard/Benchmark	Subject	Level of Activity
<u>VI.A.2.a</u>	18-24 mo.	Recognizes and uses simple tools as props through play (e.g., spoons or brushes)	Scientific Inquiry	2
<u>VI.A.3.a</u>	18-24 mo.	Begins to combine simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	2
<u>VI.B.1.a</u>	18-24 mo.	Explores, interacts with and identifies some plants and animals	Scientific Inquiry	1
<u>VI.E.1.a</u>	18-24 mo.	Identifies familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.F.1.a</u>	18-24 mo.	Uses simple tools to explore	Scientific Inquiry	2
<u>VI.A.1.b</u>	2-3 yrs.	Begins to use senses to observe and experience the environment	Scientific Inquiry	2
<u>VI.A.1.c</u>	2-3 yrs.	Begins to identify objects and features of the world (e.g., bird call, thunder, wind and fire truck)	Scientific Inquiry	2
<u>VI.A.2.a</u>	2-3 yrs.	Begins to use simple tools to explore and observe (e.g., magnifiers, spoons)	Scientific Inquiry	3
<u>VI.A.3.a</u>	2-3 yrs.	Combines simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	1
<u>VI.A.3.b</u>	2-3 yrs.	Recognizes and begins to respond to results of own actions	Scientific Inquiry	1
<u>VI.B.1.a</u>	2-3 yrs.	Explores, interacts with and identifies a growing number and variety of plants and animals	Scientific Inquiry	1
<u>VI.B.1.b</u>	2-3 yrs.	Begins to explore how plants and animals grow and change (e.g., baby chicks grow to be chickens and puppies grow to be dogs)	Scientific Inquiry	1
<u>VI.C.1.c</u>	2-3 yrs.	Begins to describe, compare, sort and classify objects based on observable physical characteristics (e.g., color, sound, weight)	Scientific Inquiry	1

<u>VI.C.1.d</u>	2-3 yrs.	Begins to use words to describe basic physical properties and states of matter of objects (e.g., wet/dry, hard/soft, warm/cold, firm/squishy)	Scientific Inquiry	1
<u>VI.E.1.a</u>	2-3 yrs.	Begins to describe familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.F.1.c</u>	2-3 yrs.	Begins to explore materials and construct simple objects and structures and begins to explore motion and stability (e.g., block building, ramps, pathways, sand, playdough and knocking over a block tower)	Scientific Inquiry	2
<u>VI.A.1.b</u>	3-4 yrs.	Uses senses to observe and experience objects and environment	Scientific Inquiry	2
<u>VI.A.2.a</u>	3-4 yrs.	Demonstrates the use of simple tools and equipment for observing and investigating (e.g., droppers, blocks, bug catchers)	Scientific Inquiry	3
<u>VI.A.3.c</u>	3-4 yrs.	Represents ideas and observations through drawings or using other forms of representation (e.g., manipulatives or different objects)	Scientific Inquiry	2
<u>VI.B.1.a</u>	3-4 yrs.	Observes and explores a variety of plants and animals and their environments (e.g., rabbits, birds, ladybugs, hermit crabs, eggs, butterflies and bugs in the garden)	Scientific Inquiry	1
<u>VI.B.1.c</u>	3-4 yrs.	Explores basic life cycles (e.g., plants grow from seeds and hatching eggs)	Scientific Inquiry	1
<u>VI.B.1.d</u>	3-4 yrs.	Explores the differences between living and non-living things	Scientific Inquiry	1
<u>VI.A.1.b</u>	4 yrs.–K	Begins to identify and make observations about what can be learned about the world using each of the five senses	Scientific Inquiry	1
<u>VI.A.2.a</u>	4 yrs.–K	Uses tools and various technologies to support exploration and inquiry (e.g., digital cameras, scales)	Scientific Inquiry	3
<u>VI.A.3.b</u>	4 yrs.–K	Collects and records data through drawing, writing, dictation and taking photographs (e.g., using tables, charts, drawings, tallies and graphs)	Scientific Inquiry	2
<u>VI.B.1.a</u>	4 yrs.–K	Identifies characteristics of a variety of plants and animals including physical attributes and behaviors (e.g., camouflage, body covering, eye color, other adaptations, types of trees and where they grow)	Scientific Inquiry	2
<u>VI.B.1.c</u>	4 yrs.–K	Understands that all living things grow, change and go through life cycles	Scientific Inquiry	3

<u>VI.B.1.d</u>	4 yrs.–K	Begins to distinguish between living and non-living things	Scientific Inquiry	1
<u>VI.D.1.b</u>	4 yrs.–K	Discovers, explores, sorts, compares, and contrasts objects that are naturally found in the environment, including rocks, soil, sand and mud, and recognizes relationships among the objects (e.g., nature walks with hand lenses, collection bag) (e.g., rocks, twigs, leaves and sea shells)	Scientific Inquiry	1
<u>IV.A.1.a</u>	18-24 mo.	Engages in multiple back-and-forth communicative interactions with adults in purposeful and novel situations and responds to questions, requests and new information	Language and Literacy	2
<u>IV.A.1.b</u>	18-24 mo.	Responds appropriately to simple requests	Language and Literacy	2
<u>IV.A.1.c</u>	18-24 mo.	Uses nonverbal gestures to respond to adult's language and oral reading	Language and Literacy	1
<u>IV.A.2.a</u>	18-24 mo.	Responds verbally and nonverbally to spoken language	Language and Literacy	2
<u>IV.A.2.b</u>	18-24 mo.	Begins to participate in simple conversations	Language and Literacy	2
<u>IV.A.2.c</u>	18-24 mo.	Responds to language during conversations, songs, stories or other experiences	Language and Literacy	2
<u>IV.A.3.a</u>	18-24 mo.	Follows simple one-step directions with scaffolding	Language and Literacy	2
<u>IV.C.1.b</u>	18-24 mo.	Responds to requests (typically understands approximately 300 words)	Language and Literacy	2
<u>IV.C.2.a</u>	18-24 mo.	Uses a number of different words and begins using two or more words together	Language and Literacy	1
<u>IV.D.2.a</u>	18-24 mo.	Produces phrases of two words including labeling (e.g., “that dog”), action/agent (e.g., “mommy hug”) and object/attribute (e.g., “soup hot”)	Language and Literacy	1
<u>IV.E.1.a</u>	18-24 mo.	Engages in conversations by combining words or signs to indicate needs, wants or ideas, including one- or two-word questions and statements to initiate conversations	Language and Literacy	1

<u>IV.E.2.a</u>	18-24 mo.	Asks and responds to simple questions using one- to two-word phrases, gestures and facial expressions in back-and-forth exchanges with others	Language and Literacy	2
<u>IV.F.1.b</u>	18-24 mo.	Learns that pictures represent real objects, events and ideas (stories)	Language and Literacy	1
<u>IV.A.1.a</u>	2-3 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers during creative play and in purposeful and novel situations	Language and Literacy	2
<u>IV.A.1.b</u>	2-3 yrs.	Listens to and attends to spoken language and read-aloud texts and responds in ways that signal understanding using simple verbal responses and nonverbal gestures	Language and Literacy	1
<u>IV.A.2.a</u>	2-3 yrs.	Responds to an adult's simple questions about what is being learned	Language and Literacy	1
<u>IV.A.2.b</u>	2-3 yrs.	Participates in simple conversations	Language and Literacy	2
<u>IV.A.3.a</u>	2-3 yrs.	Follows multi-step directions with reminders	Language and Literacy	2
<u>IV.C.1.a</u>	2-3 yrs.	Responds appropriately to almost all adult speech including requests involving multiple steps	Language and Literacy	2
<u>IV.C.1.b</u>	2-3 yrs.	Demonstrates understanding of words across varied topics, including words or lines from books, songs and stories, as well as body parts (typically understands between 500-900 words)	Language and Literacy	1
<u>IV.E.2.a</u>	2-3 yrs.	Asks and responds to simple questions (e.g., “Who?” “What?” “Where?” “Why?”) using gestures and two- or three-word phrases in back-and-forth exchanges	Language and Literacy	2
<u>IV.F.1.b</u>	2-3 yrs.	Demonstrates that pictures represent real objects, events and ideas (stories)	Language and Literacy	2
<u>IV.F.2.a</u>	2-3 yrs.	Begins to demonstrate appreciation for sounds and patterns in language (e.g., wordplay, listening to nursery rhymes, singing songs with repetitive phrases and sounds)	Language and Literacy	1

<u>IV.A.1.a</u>	3-4 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers in purposeful and novel situations to reach a goal	Language and Literacy	2
<u>IV.A.1.b</u>	3-4 yrs.	Shows understanding by answering factual questions and responding appropriately to what is said	Language and Literacy	2
<u>IV.A.3.a</u>	3-4 yrs.	Achieves mastery of one-step directions and usually follows two-step directions	Language and Literacy	3
<u>IV.C.1.a</u>	3-4 yrs.	Begins to demonstrate understanding of age-appropriate vocabulary across multiple topic areas and demonstrates a variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	3
<u>IV.C.2.a</u>	3-4 yrs.	Adds new words to vocabulary weekly (e.g., repeats words and integrates new words in play scenarios) (typically has a speaking vocabulary of approximately 1,000 words)	Language and Literacy	1
<u>IV.C.2.b</u>	3-4 yrs.	Describes what objects are used for and is able to express ideas (e.g., names some colors, shapes, and says full name)	Language and Literacy	2
<u>IV.E.1.a</u>	3-4 yrs.	Engages in conversations using sentences with four or more words, participates in simple, back-and-forth conversations to exchange ideas or information	Language and Literacy	2
<u>IV.F.1.b</u>	3-4 yrs.	Begins to make real-world connections between stories and real-life experiences	Language and Literacy	1
<u>IV.F.2.a</u>	3-4 yrs.	Listens and matches rhythm, volume and pitch of rhymes, songs and chants	Language and Literacy	2
<u>IV.A.1.a</u>	4 yrs.-K	Engages in multiple back-and-forth communicative interactions with adults (e. g., teacher-shared information, read-aloud books) and peers to set goals, follow rules, solve problems and share what is learned with others	Language and Literacy	2
<u>IV.A.1.b</u>	4 yrs.-K	Shows understanding by asking and answering factual, predictive and inferential questions, adding comments relevant to the topic and reacting appropriately to what is said	Language and Literacy	2
<u>IV.A.3.a</u>	4 yrs.-K	Achieves mastery of two-step directions and usually follows three-step directions	Language and Literacy	3

<u>IV.C.1.a</u>	4 yrs.-K	Demonstrates understanding of age-appropriate vocabulary across many topic areas and demonstrates a wide variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	2
<u>IV.C.1.b</u>	4 yrs.-K	Demonstrates understanding of functional and organizational language (e.g., same and different, in front of and behind, next to, opposite, below) in multiple environments	Language and Literacy	2
<u>IV.C.1.c</u>	4 yrs.-K	Understands or knows the meaning of many thousands of words including subject area words (e.g., science, social studies, math and literacy), many more than he or she routinely uses (receptive language)	Language and Literacy	1
<u>IV.C.2.a</u>	4 yrs.-K	Uses a large speaking vocabulary, adding new words weekly (e.g., repeats words and uses them appropriately in context) (typically has a vocabulary of more than 1,500 words)	Language and Literacy	1
<u>IV.C.2.b</u>	4 yrs.-K	Uses a variety of word-meaning relationships (e.g., part-whole, object-function, object-location)	Language and Literacy	1
<u>IV.E.1.a</u>	4 yrs.-K	Engages in conversations with two to three back-and-forth turns using language, gestures, and expressions (e.g., words related to social conventions like “please” and “thank you”)	Language and Literacy	2
<u>IV.F.1.b</u>	4 yrs.-K	Makes real-world connections between stories and real-life experiences	Language and Literacy	2
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<u>V.A.1</u>	18-24 mo.	Uses number words or sign language to identify small amounts referring to quantity	Mathematical Thinking	2
<u>V.A.2</u>	18-24 mo.	Begins to count groups of one and two objects in daily routine	Mathematical Thinking	1
<u>V.B.1</u>	18-24 mo.	Demonstrates an understanding that “adding to” increases the number of objects in the group	Mathematical Thinking	2
<u>V.C.2</u>	18-24 mo.	Begins to order three to five objects using one attribute through trial and error	Mathematical Thinking	1
<u>V.D.2</u>	18-24 mo.	Begins to sort familiar objects into two groups based on size	Mathematical Thinking	2

<u>V.E.1</u>	18-24 mo.	Uses body to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	1
<u>V.A.2</u>	2-3 yrs.	Begins to count groups of one to five objects in daily routine	Mathematical Thinking	1
<u>V.B.1</u>	2-3 yrs.	Changes size of a set of objects (up to three) by adding and subtracting with adult assistance	Mathematical Thinking	1
<u>V.E.1</u>	2-3 yrs.	Begins to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	1
<u>V.F.2</u>	2-3 yrs.	Compares sets of objects by one attribute (e.g., sort by size)	Mathematical Thinking	2
<u>V.A.2</u>	3-4 yrs.	Counts and identifies the number sequence “1 to 10”	Mathematical Thinking	2
<u>V.A.6</u>	3-4 yrs.	Constructs and counts sets of one to five and beyond	Mathematical Thinking	3
<u>V.F.3</u>	3-4 yrs.	Measures object attributes using a variety of standard and nonstandard tools with adult guidance	Mathematical Thinking	2
<u>V.F.4</u>	3-4 yrs.	Participates in group sorting and data collection	Mathematical Thinking	3
<u>V.A.2</u>	4 yrs.-K	Counts and identifies the number sequence “1 to 31”	Mathematical Thinking	2
<u>V.A.5</u>	4 yrs.-K	Constructs and counts sets of objects (one to 10 and beyond)	Mathematical Thinking	3
<u>V.F.1</u>	4 yrs.-K	Measures object attributes using a variety of standard and nonstandard tools	Mathematical Thinking	2
<u>V.F.2</u>	4 yrs.-K	Identifies measurable attributes such as length and weight and solves problems by making direct comparisons of objects	Mathematical Thinking	2
<u>V.F.3</u>	4 yrs.-K	Seriates (places objects in sequence) up to six objects in order by height or length (e.g., cube towers or unit blocks)	Mathematical Thinking	3

<u>V.F.4</u>	4 yrs.-K	Represents, analyzes and discusses data (e.g. charts, graphs and tallies)	Mathematical Thinking	3
<u>VII.C.2</u>	18-24 mo.	Begins to respond to the needs of others (e.g., peers and family members)	Social Studies	1
<u>VII.F.1</u>	18-24 mo.	Begins to follow simple requests	Social Studies	1
<u>VII.H.1</u>	18-24 mo.	Begins to recognize there are tools and machines (e.g., spoon for eating, cups and containers used in play, or wagon or cart used in the play area)	Social Studies	2
<u>VII.C.2</u>	2-3 yrs.	Responds to the needs of others (e.g., peers and family members)	Social Studies	1
<u>VII.D.2</u>	2-3 yrs.	Explores own environment	Social Studies	1
<u>VII.E.1</u>	2-3 yrs.	Begins to sequence events	Social Studies	1
<u>VII.G.2</u>	2-3 yrs.	Shows awareness of occupations	Social Studies	1
<u>VII.E.1</u>	3-4 yrs.	Recognizes sequence of events to establish a sense of order and time	Social Studies	2
<u>VII.E.2</u>	3-4 yrs.	Explores changes that take place over time in the immediate environment	Social Studies	2
<u>VII.G.2</u>	3-4 yrs.	Recognizes familiar people who perform different occupations	Social Studies	1
<u>VII.E.1</u>	4 yrs.-K	Identifies changes within a sequence of events to establish a sense of order and time	Social Studies	2
<u>VII.E.2</u>	4 yrs.-K	Observes and recognizes changes that take place over time in the immediate environment	Social Studies	2

Evergreens in Winter**Activity 6/ Experiencing Trees Through the Seasons**

Standard Code	Age/ Grade	Standard/Benchmark	Subject	Level of Activity
<u>VI.A.1.b</u>	18-24 mo.	Explores the nature of sensory materials and experiences (e.g., different textures, sounds, tastes and wind)	Scientific Inquiry	2
<u>VI.A.2.a</u>	18-24 mo.	Recognizes and uses simple tools as props through play (e.g., spoons or brushes)	Scientific Inquiry	2
<u>VI.A.3.a</u>	18-24 mo.	Begins to combine simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	2
<u>VI.B.1.a</u>	18-24 mo.	Explores, interacts with and identifies some plants and animals	Scientific Inquiry	1
<u>VI.C.1.c</u>	18-24 mo.	Manipulates, explores and plays with objects to gain knowledge about them (e.g., moving, stacking)	Scientific Inquiry	2
<u>VI.E.1.a</u>	18-24 mo.	Identifies familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.F.1.a</u>	18-24 mo.	Uses simple tools to explore	Scientific Inquiry	2
<u>VI.A.1.b</u>	2-3 yrs.	Begins to use senses to observe and experience the environment	Scientific Inquiry	3
<u>VI.A.1.c</u>	2-3 yrs.	Begins to identify objects and features of the world (e.g., bird call, thunder, wind and fire truck)	Scientific Inquiry	2
<u>VI.A.2.a</u>	2-3 yrs.	Begins to use simple tools to explore and observe (e.g., magnifiers, spoons)	Scientific Inquiry	2
<u>VI.A.3.a</u>	2-3 yrs.	Combines simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	2
<u>VI.A.3.b</u>	2-3 yrs.	Recognizes and begins to respond to results of own actions	Scientific Inquiry	1
<u>VI.B.1.a</u>	2-3 yrs.	Explores, interacts with and identifies a growing number and variety of plants and animals	Scientific Inquiry	1

<u>VI.B.1.b</u>	2-3 yrs.	Begins to explore how plants and animals grow and change (e.g., baby chicks grow to be chickens and puppies grow to be dogs)	Scientific Inquiry	1
<u>VI.C.1.c</u>	2-3 yrs.	Begins to describe, compare, sort and classify objects based on observable physical characteristics (e.g., color, sound, weight)	Scientific Inquiry	2
<u>VI.C.1.d</u>	2-3 yrs.	Begins to use words to describe basic physical properties and states of matter of objects (e.g., wet/dry, hard/soft, warm/cold, firm/squishy)	Scientific Inquiry	2
<u>VI.D.1.e</u>	2-3 yrs.	Observes and discusses weather	Scientific Inquiry	1
<u>VI.E.1.a</u>	2-3 yrs.	Begins to describe familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.F.1.c</u>	2-3 yrs.	Begins to explore materials and construct simple objects and structures and begins to explore motion and stability (e.g., block building, ramps, pathways, sand, playdough and knocking over a block tower)	Scientific Inquiry	2
<u>VI.A.1.a</u>	3-4 yrs.	Begins to identify each of the five senses and how they relate to the sense organs	Scientific Inquiry	1
<u>VI.A.1.b</u>	3-4 yrs.	Uses senses to observe and experience objects and environment	Scientific Inquiry	2
<u>VI.A.3.a</u>	3-4 yrs.	Makes simple predictions and reflects on what caused something to happen	Scientific Inquiry	2
<u>VI.B.1.a</u>	3-4 yrs.	Observes and explores a variety of plants and animals and their environments (e.g., rabbits, birds, ladybugs, hermit crabs, eggs, butterflies and bugs in the garden)	Scientific Inquiry	1
<u>VI.B.1.b</u>	3-4 yrs.	Begins to notice the similarities and differences among various living things	Scientific Inquiry	3
<u>VI.B.1.c</u>	3-4 yrs.	Explores basic life cycles (e.g., plants grow from seeds and hatching eggs)	Scientific Inquiry	1
<u>VI.E.1.a</u>	3-4 yrs.	Describes familiar people and objects in the environment	Scientific Inquiry	1

<u>VI.F.1.c</u>	3-4 yrs.	Explores and constructs simple objects and structures with appropriate materials and explores concept of stability of structures (e.g., block building, ramps, pathways, sand, playdough and knocking over a block tower)	Scientific Inquiry	2
<u>VI.A.1.a</u>	4 yrs.-K	Identifies each of the five senses and their relationship to each of the sense organs	Scientific Inquiry	1
<u>VI.A.1.b</u>	4 yrs.-K	Begins to identify and make observations about what can be learned about the world using each of the five senses	Scientific Inquiry	1
<u>VI.A.1.c</u>	4 yrs.-K	Begins to understand that individuals may experience sensory events differently from each other (e.g., may like sound of loud noises or feel of fuzzy fabric)	Scientific Inquiry	2
<u>VI.A.3.a</u>	4 yrs.-K	Makes predictions and tests their predictions through experimentation and investigation	Scientific Inquiry	2
<u>VI.B.1.a</u>	4 yrs.-K	Identifies characteristics of a variety of plants and animals including physical attributes and behaviors (e.g., camouflage, body covering, eye color, other adaptations, types of trees and where they grow)	Scientific Inquiry	2
<u>VI.B.1.b</u>	4 yrs.-K	Notices the similarities and differences among various living things	Scientific Inquiry	3
<u>VI.B.1.c</u>	4 yrs.-K	Understands that all living things grow, change and go through life cycles	Scientific Inquiry	1
<u>VI.C.1.a</u>	4 yrs.-K	Discusses what makes objects move the way they do and how the movement can be controlled	Scientific Inquiry	1
<u>VI.C.1.e</u>	4 yrs.-K	Explores the relationship of objects to light (e.g., light and shadows)	Scientific Inquiry	1
<u>VI.D.1.b</u>	4 yrs.-K	Discovers, explores, sorts, compares, and contrasts objects that are naturally found in the environment, including rocks, soil, sand and mud, and recognizes relationships among the objects (e.g., nature walks with hand lenses, collection bag) (e.g., rocks, twigs, leaves and sea shells)	Scientific Inquiry	2
<u>VI.E.1.a</u>	4 yrs.-K	Demonstrates how people use objects and natural resources in the environment	Scientific Inquiry	1

<u>VI.F.1.c</u>	4 yrs.–K	Invents and constructs simple objects or more complex structures and investigates concepts of motion and stability of structures (e.g., ramps, pathways, structure, Legos, block building and play)	Scientific Inquiry	2
<u>IV.A.1.a</u>	18-24 mo.	Engages in multiple back-and-forth communicative interactions with adults in purposeful and novel situations and responds to questions, requests and new information	Language and Literacy	2
<u>IV.A.1.b</u>	18-24 mo.	Responds appropriately to simple requests	Language and Literacy	2
<u>IV.A.1.c</u>	18-24 mo.	Uses nonverbal gestures to respond to adult's language and oral reading	Language and Literacy	1
<u>IV.A.2.a</u>	18-24 mo.	Responds verbally and nonverbally to spoken language	Language and Literacy	2
<u>IV.A.2.b</u>	18-24 mo.	Begins to participate in simple conversations	Language and Literacy	2
<u>IV.A.2.c</u>	18-24 mo.	Responds to language during conversations, songs, stories or other experiences	Language and Literacy	2
<u>IV.A.3.a</u>	18-24 mo.	Follows simple one-step directions with scaffolding	Language and Literacy	2
<u>IV.C.1.b</u>	18-24 mo.	Responds to requests (typically understands approximately 300 words)	Language and Literacy	2
<u>IV.D.2.a</u>	18-24 mo.	Produces phrases of two words including labeling (e.g., “that dog”), action/agent (e.g., “mommy hug”) and object/attribute (e.g., “soup hot”)	Language and Literacy	1
<u>IV.E.1.a</u>	18-24 mo.	Engages in conversations by combining words or signs to indicate needs, wants or ideas, including one- or two-word questions and statements to initiate conversations	Language and Literacy	2
<u>IV.E.2.a</u>	18-24 mo.	Asks and responds to simple questions using one- to two-word phrases, gestures and facial expressions in back-and-forth exchanges with others	Language and Literacy	1
<u>IV.F.1.b</u>	18-24 mo.	Learns that pictures represent real objects, events and ideas (stories)	Language and Literacy	1

<u>IV.G.1.a</u>	18-24 mo.	Makes more controlled scribbling (e.g., using paintbrush and paint or finger in shaving cream)	Language and Literacy	1
<u>IV.A.1.a</u>	2-3 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers during creative play and in purposeful and novel situations	Language and Literacy	2
<u>IV.A.1.b</u>	2-3 yrs.	Listens to and attends to spoken language and read-aloud texts and responds in ways that signal understanding using simple verbal responses and nonverbal gestures	Language and Literacy	1
<u>IV.A.2.a</u>	2-3 yrs.	Responds to an adult's simple questions about what is being learned	Language and Literacy	2
<u>IV.A.2.b</u>	2-3 yrs.	Participates in simple conversations	Language and Literacy	2
<u>IV.A.2.c</u>	2-3 yrs.	Identifies specific sounds, such as animal sounds and environmental sounds	Language and Literacy	1
<u>IV.A.3.a</u>	2-3 yrs.	Follows multi-step directions with reminders	Language and Literacy	2
<u>IV.C.1.a</u>	2-3 yrs.	Responds appropriately to almost all adult speech including requests involving multiple steps	Language and Literacy	2
<u>IV.C.1.b</u>	2-3 yrs.	Demonstrates understanding of words across varied topics, including words or lines from books, songs and stories, as well as body parts (typically understands between 500-900 words)	Language and Literacy	1
<u>IV.D.2.a</u>	2-3 yrs.	Produces sentences or phrases of two to three words, including subject/verb/object (e.g., "Juan fell down." "I did it.")	Language and Literacy	2
<u>IV.E.2.a</u>	2-3 yrs.	Asks and responds to simple questions (e.g., "Who?" "What?" "Where?" "Why?") using gestures and two- or three-word phrases in back-and-forth exchanges	Language and Literacy	2
<u>IV.F.1.b</u>	2-3 yrs.	Demonstrates that pictures represent real objects, events and ideas (stories)	Language and Literacy	2

<u>IV.F.2.a</u>	2-3 yrs.	Begins to demonstrate appreciation for sounds and patterns in language (e.g., wordplay, listening to nursery rhymes, singing songs with repetitive phrases and sounds)	Language and Literacy	1
<u>IV.F.4.a</u>	2-3 yrs.	Demonstrates comprehension of meaning of text via pointing to pictures, responding to conversations	Language and Literacy	1
<u>IV.A.1.a</u>	3-4 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers in purposeful and novel situations to reach a goal	Language and Literacy	1
<u>IV.A.3.a</u>	3-4 yrs.	Achieves mastery of one-step directions and usually follows two-step directions	Language and Literacy	2
<u>IV.C.1.a</u>	3-4 yrs.	Begins to demonstrate understanding of age-appropriate vocabulary across multiple topic areas and demonstrates a variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	3
<u>IV.C.1.b</u>	3-4 yrs.	Begins to understand the use of words in different context (including plurals and past tense in speech)	Language and Literacy	2
<u>IV.C.2.a</u>	3-4 yrs.	Adds new words to vocabulary weekly (e.g., repeats words and integrates new words in play scenarios) (typically has a speaking vocabulary of approximately 1,000 words)	Language and Literacy	1
<u>IV.C.2.b</u>	3-4 yrs.	Describes what objects are used for and is able to express ideas (e.g., names some colors, shapes, and says full name)	Language and Literacy	2
<u>IV.D.2.a</u>	3-4 yrs.	Produces sentences or phrases of two to five words including subject/verb/object (e.g., “Suzy has cookies.” “My shirt's got blue flowers.”)	Language and Literacy	1
<u>IV.F.1.b</u>	3-4 yrs.	Begins to make real-world connections between stories and real-life experiences	Language and Literacy	2
<u>IV.G.1.a</u>	3-4 yrs.	Uses scribbling, letter-like shapes and drawings to represent thoughts and ideas	Language and Literacy	1
<u>IV.A.1.a</u>	4 yrs.-K	Engages in multiple back-and-forth communicative interactions with adults (e. g., teacher-shared information, read-aloud books) and peers to set goals, follow rules, solve problems and share what is learned with others	Language and Literacy	1

<u>IV.A.3.a</u>	4 yrs.-K	Achieves mastery of two-step directions and usually follows three-step directions	Language and Literacy	2
<u>IV.C.1.a</u>	4 yrs.-K	Demonstrates understanding of age-appropriate vocabulary across many topic areas and demonstrates a wide variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	2
<u>IV.C.1.b</u>	4 yrs.-K	Demonstrates understanding of functional and organizational language (e.g., same and different, in front of and behind, next to, opposite, below) in multiple environments	Language and Literacy	2
<u>IV.C.1.c</u>	4 yrs.-K	Understands or knows the meaning of many thousands of words including subject area words (e.g., science, social studies, math and literacy), many more than he or she routinely uses (receptive language)	Language and Literacy	1
<u>IV.C.2.a</u>	4 yrs.-K	Uses a large speaking vocabulary, adding new words weekly (e.g., repeats words and uses them appropriately in context) (typically has a vocabulary of more than 1,500 words)	Language and Literacy	1
<u>IV.C.2.b</u>	4 yrs.-K	Uses a variety of word-meaning relationships (e.g., part-whole, object-function, object-location)	Language and Literacy	1
<u>IV.C.2.d</u>	4 yrs.-K	Uses words in multiple contexts, with the understanding that some words have multiple meanings	Language and Literacy	2
<u>IV.D.1.a</u>	4 yrs.-K	Typically uses complete sentences of five or more words, usually with subject, verb and object order	Language and Literacy	1
<u>IV.D.2.a</u>	4 yrs.-K	Uses sentences with more than one phrase	Language and Literacy	1
<u>IV.D.2.b</u>	4 yrs.-K	Combines more than one idea using complex sentences (e.g., sequences and cause/effect relationships)	Language and Literacy	1
<u>IV.F.1.b</u>	4 yrs.-K	Makes real-world connections between stories and real-life experiences	Language and Literacy	2
<u>IV.F.4.b</u>	4 yrs.-K	Asks and answers appropriate questions about the story (e.g., “What just happened?” “What might happen next?” “What would happen if...?” “What was so silly about...?” “How would you feel if you...?”)	Language and Literacy	2

<u>IV.G.1.a</u>	4 yrs.-K	Intentionally uses scribbles/writing to convey meaning (e.g., signing artwork, captioning, labeling, creating lists, making notes)	Language and Literacy	2
<u>V.D.1</u>	18-24 mo.	Begins to sort familiar objects into two groups based on size	Mathematical Thinking	2
<u>V.E.1</u>	18-24 mo.	Uses body to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	1
<u>V.F.1</u>	18-24 mo.	Uses appropriate size words or gestures (small, big) to describe objects accurately	Mathematical Thinking	1
<u>V.A.2</u>	2-3 yrs.	Begins to count groups of one to five objects in daily routine	Mathematical Thinking	1
<u>V.C.1</u>	2-3 yrs.	Recognizes patterns in the environment	Mathematical Thinking	1
<u>V.E.1</u>	2-3 yrs.	Begins to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	2
<u>V.F.2</u>	2-3 yrs.	Compares sets of objects by one attribute (e.g., sort by size)	Mathematical Thinking	2
<u>V.D.3</u>	3-4 yrs.	Explores three-dimensional shapes in the environment through play.	Mathematical Thinking	2
<u>V.F.2</u>	3-4 yrs.	Explores two objects by making direct comparisons in length, weight and size using a single attribute.	Mathematical Thinking	2
<u>V.F.4</u>	3-4 yrs.	Participates in group sorting and data collection	Mathematical Thinking	3
<u>V.D.4</u>	4 yrs.-K	Constructs with three-dimensional shapes in the environment through play (e.g., building castles in the construction area)	Mathematical Thinking	3
<u>V.F.2</u>	4 yrs.-K	Identifies measurable attributes such as length and weight and solves problems by making direct comparisons of objects	Mathematical Thinking	2
<u>VII.C.2</u>	18-24 mo.	Begins to respond to the needs of others (e.g., peers and family members)	Social Studies	1
<u>VII.F.1</u>	18-24 mo.	Begins to follow simple requests	Social Studies	2

VII.H.1	18-24 mo.	Begins to recognize there are tools and machines (e.g., spoon for eating, cups and containers used in play, or wagon or cart used in the play area)	Social Studies	1
VII.C.2	2-3 yrs.	Responds to the needs of others (e.g., peers and family members)	Social Studies	1
VII.D.2	2-3 yrs.	Explores own environment	Social Studies	2
VII.E.1	2-3 yrs.	Begins to sequence events	Social Studies	1
VII.F.2	2-3 yrs.	Demonstrates emerging problem-solving and decision-making skills	Social Studies	1
VII.G.2	2-3 yrs.	Shows awareness of occupations	Social Studies	1
VII.D.4	3-4 yrs.	Begins to use spatial words (e.g., far/close, over/under and up/down)	Social Studies	1
VII.E.2	3-4 yrs.	Explores changes that take place over time in the immediate environment	Social Studies	2
VII.G.2	3-4 yrs.	Recognizes familiar people who perform different occupations	Social Studies	1
VII.D.4	4 yrs.-K	Begins to use spatial words (e.g., far/close, over/under and up/down)	Social Studies	1
VII.E.2	4 yrs.-K	Observes and recognizes changes that take place over time in the immediate environment	Social Studies	2

Best Buds

Activity 7/ Experiencing Trees Through the Seasons

Standard Code	Age/ Grade	Standard/Benchmark	Subject	Level of Activity
VI.A.1.b	18-24 mo.	Explores the nature of sensory materials and experiences (e.g., different textures, sounds, tastes and wind)	Scientific Inquiry	2
VI.A.2.a	18-24 mo.	Recognizes and uses simple tools as props through play (e.g., spoons or brushes)	Scientific Inquiry	2

<u>VI.A.3.a</u>	18-24 mo.	Begins to combine simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	1
<u>VI.B.1.a</u>	18-24 mo.	Explores, interacts with and identifies some plants and animals	Scientific Inquiry	1
<u>VI.E.1.a</u>	18-24 mo.	Identifies familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.F.1.a</u>	18-24 mo.	Uses simple tools to explore	Scientific Inquiry	2
<u>VI.A.1.b</u>	2-3 yrs.	Begins to use senses to observe and experience the environment	Scientific Inquiry	3
<u>VI.A.1.c</u>	2-3 yrs.	Begins to identify objects and features of the world (e.g., bird call, thunder, wind and fire truck)	Scientific Inquiry	2
<u>VI.A.2.a</u>	2-3 yrs.	Begins to use simple tools to explore and observe (e.g., magnifiers, spoons)	Scientific Inquiry	3
<u>VI.A.3.a</u>	2-3 yrs.	Combines simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	2
<u>VI.B.1.a</u>	2-3 yrs.	Explores, interacts with and identifies a growing number and variety of plants and animals	Scientific Inquiry	2
<u>VI.B.1.b</u>	2-3 yrs.	Begins to explore how plants and animals grow and change (e.g., baby chicks grow to be chickens and puppies grow to be dogs)	Scientific Inquiry	2
<u>VI.C.1.c</u>	2-3 yrs.	Begins to describe, compare, sort and classify objects based on observable physical characteristics (e.g., color, sound, weight)	Scientific Inquiry	2
<u>VI.C.1.d</u>	2-3 yrs.	Begins to use words to describe basic physical properties and states of matter of objects (e.g., wet/dry, hard/soft, warm/cold, firm/squishy)	Scientific Inquiry	2
<u>VI.E.1.a</u>	2-3 yrs.	Begins to describe familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.E.1.b</u>	2-3 yrs.	Begins to participate in activities to protect the environment	Scientific Inquiry	1
<u>VI.F.1.a</u>	2-3 yrs.	Uses props to represent simple tools through play	Scientific Inquiry	1

<u>VI.A.1.a</u>	3-4 yrs.	Begins to identify each of the five senses and how they relate to the sense organs	Scientific Inquiry	1
<u>VI.A.1.b</u>	3-4 yrs.	Uses senses to observe and experience objects and environment	Scientific Inquiry	2
<u>VI.A.2.a</u>	3-4 yrs.	Demonstrates the use of simple tools and equipment for observing and investigating (e.g., droppers, blocks, bug catchers)	Scientific Inquiry	3
<u>VI.A.3.a</u>	3-4 yrs.	Makes simple predictions and reflects on what caused something to happen	Scientific Inquiry	2
<u>VI.A.3.b</u>	3-4 yrs.	Participates in and discusses simple experiments	Scientific Inquiry	2
<u>VI.A.3.c</u>	3-4 yrs.	Represents ideas and observations through drawings or using other forms of representation (e.g., manipulatives or different objects)	Scientific Inquiry	2
<u>VI.B.1.a</u>	3-4 yrs.	Observes and explores a variety of plants and animals and their environments (e.g., rabbits, birds, ladybugs, hermit crabs, eggs, butterflies and bugs in the garden)	Scientific Inquiry	1
<u>VI.B.1.c</u>	3-4 yrs.	Explores basic life cycles (e.g., plants grow from seeds and hatching eggs)	Scientific Inquiry	2
<u>VI.E.1.b</u>	3-4 yrs.	Participates in activities to protect the environment	Scientific Inquiry	2
<u>VI.A.1.a</u>	4 yrs.-K	Identifies each of the five senses and their relationship to each of the sense organs	Scientific Inquiry	1
<u>VI.A.1.b</u>	4 yrs.-K	Begins to identify and make observations about what can be learned about the world using each of the five senses	Scientific Inquiry	1
<u>VI.A.1.c</u>	4 yrs.-K	Begins to understand that individuals may experience sensory events differently from each other (e.g., may like sound of loud noises or feel of fuzzy fabric)	Scientific Inquiry	2
<u>VI.A.2.a</u>	4 yrs.-K	Uses tools and various technologies to support exploration and inquiry (e.g., digital cameras, scales)	Scientific Inquiry	3
<u>VI.A.3.a</u>	4 yrs.-K	Makes predictions and tests their predictions through experimentation and investigation	Scientific Inquiry	3

<u>VI.A.3.b</u>	4 yrs.-K	Collects and records data through drawing, writing, dictation and taking photographs (e.g., using tables, charts, drawings, tallies and graphs)	Scientific Inquiry	2
<u>VI.A.3.c</u>	4 yrs.-K	Begins to form conclusions and construct explanations (e.g., What do the results mean?)	Scientific Inquiry	2
<u>VI.B.1.a</u>	4 yrs.-K	Identifies characteristics of a variety of plants and animals including physical attributes and behaviors (e.g., camouflage, body covering, eye color, other adaptations, types of trees and where they grow)	Scientific Inquiry	2
<u>VI.B.1.c</u>	4 yrs.-K	Understands that all living things grow, change and go through life cycles	Scientific Inquiry	2
<u>VI.D.1.b</u>	4 yrs.-K	Discovers, explores, sorts, compares, and contrasts objects that are naturally found in the environment, including rocks, soil, sand and mud, and recognizes relationships among the objects (e.g., nature walks with hand lenses, collection bag) (e.g., rocks, twigs, leaves and sea shells)	Scientific Inquiry	1
<u>VI.E.1.c</u>	4 yrs.-K	Identifies examples of organized efforts to protect the environment (e.g., recycling materials in the classroom)	Scientific Inquiry	2
<u>IV.A.1.a</u>	18-24 mo.	Engages in multiple back-and-forth communicative interactions with adults in purposeful and novel situations and responds to questions, requests and new information	Language and Literacy	2
<u>IV.A.1.b</u>	18-24 mo.	Responds appropriately to simple requests	Language and Literacy	2
<u>IV.A.2.a</u>	18-24 mo.	Responds verbally and nonverbally to spoken language	Language and Literacy	2
<u>IV.A.2.b</u>	18-24 mo.	Begins to participate in simple conversations	Language and Literacy	2
<u>IV.A.2.c</u>	18-24 mo.	Responds to language during conversations, songs, stories or other experiences	Language and Literacy	2
<u>IV.A.3.a</u>	18-24 mo.	Follows simple one-step directions with scaffolding	Language and Literacy	2
<u>IV.C.1.b</u>	18-24 mo.	Responds to requests (typically understands approximately 300 words)	Language and Literacy	2

<u>IV.E.1.a</u>	18-24 mo.	Engages in conversations by combining words or signs to indicate needs, wants or ideas, including one- or two-word questions and statements to initiate conversations	Language and Literacy	2
<u>IV.E.2.a</u>	18-24 mo.	Asks and responds to simple questions using one- to two-word phrases, gestures and facial expressions in back-and-forth exchanges with others	Language and Literacy	2
<u>IV.F.1.b</u>	18-24 mo.	Learns that pictures represent real objects, events and ideas (stories)	Language and Literacy	2
<u>IV.A.1.a</u>	2-3 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers during creative play and in purposeful and novel situations	Language and Literacy	3
<u>IV.A.1.b</u>	2-3 yrs.	Listens to and attends to spoken language and read-aloud texts and responds in ways that signal understanding using simple verbal responses and nonverbal gestures	Language and Literacy	2
<u>IV.A.2.a</u>	2-3 yrs.	Responds to an adult's simple questions about what is being learned	Language and Literacy	3
<u>IV.A.2.b</u>	2-3 yrs.	Participates in simple conversations	Language and Literacy	3
<u>IV.A.2.c</u>	2-3 yrs.	Identifies specific sounds, such as animal sounds and environmental sounds	Language and Literacy	2
<u>IV.A.3.a</u>	2-3 yrs.	Follows multi-step directions with reminders	Language and Literacy	3
<u>IV.C.1.a</u>	2-3 yrs.	Responds appropriately to almost all adult speech including requests involving multiple steps	Language and Literacy	2
<u>IV.C.1.b</u>	2-3 yrs.	Demonstrates understanding of words across varied topics, including words or lines from books, songs and stories, as well as body parts (typically understands between 500-900 words)	Language and Literacy	2
<u>IV.C.2.a</u>	2-3 yrs.	Increases vocabulary rapidly, including descriptive words, pronouns and/or plurals (e.g., big, happy, you, me, shoes) (typically has a speaking vocabulary of approximately 500 words)	Language and Literacy	1

<u>IV.D.2.a</u>	2-3 yrs.	Produces sentences or phrases of two to three words, including subject/verb/object (e.g., “Juan fell down.” “I did it.”)	Language and Literacy	1
<u>IV.E.2.a</u>	2-3 yrs.	Engages in conversations using words, signs, two- or three-word phrases, or simple sentences to initiate, continue or extend conversations with others	Language and Literacy	1
<u>IV.E.1.a</u>	2-3 yrs.	Asks and responds to simple questions (e.g., “Who?” “What?” “Where?” “Why?”) using gestures and two- or three-word phrases in back-and-forth exchanges	Language and Literacy	2
<u>IV.F.1.b</u>	2-3 yrs.	Demonstrates that pictures represent real objects, events and ideas (stories)	Language and Literacy	2
<u>IV.F.4.a</u>	2-3 yrs.	Demonstrates comprehension of meaning of text via pointing to pictures, responding to conversations	Language and Literacy	2
<u>IV.A.1.a</u>	3-4 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers in purposeful and novel situations to reach a goal	Language and Literacy	2
<u>IV.A.2.a</u>	3-4 yrs.	Tells the main idea or topic of a conversation, story, informational text or creative play, and makes a connection	Language and Literacy	1
<u>IV.A.3.a</u>	3-4 yrs.	Achieves mastery of one-step directions and usually follows two-step directions	Language and Literacy	3
<u>IV.C.1.a</u>	3-4 yrs.	Begins to demonstrate understanding of age-appropriate vocabulary across multiple topic areas and demonstrates a variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	3
<u>IV.C.2.a</u>	3-4 yrs.	Adds new words to vocabulary weekly (e.g., repeats words and integrates new words in play scenarios) (typically has a speaking vocabulary of approximately 1,000 words)	Language and Literacy	1
<u>IV.C.2.b</u>	3-4 yrs.	Describes what objects are used for and is able to express ideas (e.g., names some colors, shapes, and says full name)	Language and Literacy	2
<u>IV.E.1.a</u>	3-4 yrs.	Engages in conversations using sentences with four or more words, participates in simple, back-and-forth conversations to exchange ideas or information	Language and Literacy	2

<u>IV.F.1.b</u>	3-4 yrs.	Begins to make real-world connections between stories and real-life experiences	Language and Literacy	2
<u>IV.F.3.a</u>	3-4 yrs.	Recognizes that print conveys meaning	Language and Literacy	2
<u>IV.A.1.a</u>	4 yrs.-K	Engages in multiple back-and-forth communicative interactions with adults (e. g., teacher-shared information, read-aloud books) and peers to set goals, follow rules, solve problems and share what is learned with others	Language and Literacy	2
<u>IV.A.2.a</u>	4 yrs.-K	Identifies the main idea, some details of a conversation, story or informational text and can explicitly connect what is being learned to own existing knowledge	Language and Literacy	2
<u>IV.A.3.a</u>	4 yrs.-K	Achieves mastery of two-step directions and usually follows three-step directions	Language and Literacy	3
<u>IV.C.1.a</u>	4 yrs.-K	Demonstrates understanding of age-appropriate vocabulary across many topic areas and demonstrates a wide variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	2
<u>IV.C.1.b</u>	4 yrs.-K	Demonstrates understanding of functional and organizational language (e.g., same and different, in front of and behind, next to, opposite, below) in multiple environments	Language and Literacy	2
<u>IV.C.1.c</u>	4 yrs.-K	Understands or knows the meaning of many thousands of words including subject area words (e.g., science, social studies, math and literacy), many more than he or she routinely uses (receptive language)	Language and Literacy	1
<u>IV.C.2.a</u>	4 yrs.-K	Uses a large speaking vocabulary, adding new words weekly (e.g., repeats words and uses them appropriately in context) (typically has a vocabulary of more than 1,500 words)	Language and Literacy	1
<u>IV.C.2.d</u>	4 yrs.-K	Uses words in multiple contexts, with the understanding that some words have multiple meanings	Language and Literacy	2
<u>IV.E.1.a</u>	4 yrs.-K	Engages in conversations with two to three back-and-forth turns using language, gestures, and expressions (e.g., words related to social conventions like “please” and “thank you”)	Language and Literacy	1

<u>IV.F.1.b</u>	4 yrs.-K	Makes real-world connections between stories and real-life experiences	Language and Literacy	2
<u>IV.F.3.a</u>	4 yrs.-K	Recognizes that print conveys meaning	Language and Literacy	2
<u>V.D.1</u>	18-24 mo.	Begins to sort familiar objects into two groups based on size	Mathematical Thinking	1
<u>V.E.1</u>	18-24 mo.	Uses body to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	2
<u>V.C.1</u>	2-3 yrs.	Recognizes patterns in the environment	Mathematical Thinking	1
<u>V.E.1</u>	2-3 yrs.	Begins to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	2
<u>V.F.2</u>	2-3 yrs.	Compares sets of objects by one attribute (e.g., sort by size)	Mathematical Thinking	2
<u>V.F.2</u>	3-4 yrs.	Explores two objects by making direct comparisons in length, weight and size using a single attribute	Mathematical Thinking	2
<u>V.F.4</u>	3-4 yrs.	Participates in group sorting and data collection	Mathematical Thinking	3
<u>V.F.2</u>	4 yrs.-K	Identifies measurable attributes such as length and weight and solves problems by making direct comparisons of objects	Mathematical Thinking	2
<u>V.F.3</u>	4 yrs.-K	Seriates (places objects in sequence) up to six objects in order by height or length (e.g., cube towers or unit blocks)	Mathematical Thinking	3
<u>VII.F.1</u>	18-24 mo.	Begins to follow simple requests	Social Studies	2
<u>VII.F.2</u>	18-24 mo.	Responds to problems in the environment	Social Studies	1
<u>VII.F.3</u>	18-24 mo.	Shows more complex responses to people and objects	Social Studies	1
<u>VII.H.1</u>	18-24 mo.	Begins to recognize there are tools and machines (e.g., spoon for eating, cups and containers used in play, or wagon or cart used in the play area)	Social Studies	1

VII.D.2	2-3 yrs.	Explores own environment	Social Studies	2
VII.E.1	2-3 yrs.	Begins to sequence events	Social Studies	1
VII.G.2	2-3 yrs.	Shows awareness of occupations	Social Studies	1
VII.D.4	3-4 yrs.	Begins to use spatial words (e.g., far/close, over/under and up/down)	Social Studies	1
VII.E.2	3-4 yrs.	Explores changes that take place over time in the immediate environment	Social Studies	2
VII.G.2	3-4 yrs.	Recognizes familiar people who perform different occupations	Social Studies	1
VII.A.4	4 yrs.-K	Explores cultural attributes by comparing and contrasting different characteristics (e.g., language, literature, music, arts, artifacts, foods, architecture and celebrations)	Social Studies	1
VII.D.4	4 yrs.-K	Begins to use spatial words (e.g., far/close, over/under and up/down)	Social Studies	1
VII.E.2	4 yrs.-K	Observes and recognizes changes that take place over time in the immediate environment	Social Studies	2

My Tree and Me

Activity 8/ Experiencing Trees Through the Seasons

Standard Code	Age/ Grade	Standard/Benchmark	Subject	Level of Activity
VI.A.1.b	18-24 mo.	Explores the nature of sensory materials and experiences (e.g., different textures, sounds, tastes and wind)	Scientific Inquiry	2
VI.A.2.a	18-24 mo.	Recognizes and uses simple tools as props through play (e.g., spoons or brushes)	Scientific Inquiry	1
VI.A.3.a	18-24 mo.	Begins to combine simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	3
VI.B.1.a	18-24 mo.	Explores, interacts with and identifies some plants and animals	Scientific Inquiry	2

<u>VI.C.1.c</u>	18-24 mo.	Manipulates, explores and plays with objects to gain knowledge about them (e.g., moving, stacking)	Scientific Inquiry	2
<u>VI.D.1.c</u>	18-24 mo.	Identifies the objects in the sky (e.g., clouds, sun, moon and stars)	Scientific Inquiry	1
<u>VI.E.1.a</u>	18-24 mo.	Identifies familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.F.1.a</u>	18-24 mo.	Uses simple tools to explore	Scientific Inquiry	3
<u>VI.A.1.b</u>	2-3 yrs.	Begins to use senses to observe and experience the environment	Scientific Inquiry	2
<u>VI.A.1.c</u>	2-3 yrs.	Begins to identify objects and features of the world (e.g., bird call, thunder, wind and fire truck)	Scientific Inquiry	2
<u>VI.A.2.a</u>	2-3 yrs.	Begins to use simple tools to explore and observe (e.g., magnifiers, spoons)	Scientific Inquiry	2
<u>VI.A.3.a</u>	2-3 yrs.	Combines simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	3
<u>VI.A.3.b</u>	2-3 yrs.	Recognizes and begins to respond to results of own actions	Scientific Inquiry	1
<u>VI.B.1.a</u>	2-3 yrs.	Explores, interacts with and identifies a growing number and variety of plants and animals	Scientific Inquiry	2
<u>VI.B.1.b</u>	2-3 yrs.	Begins to explore how plants and animals grow and change (e.g., baby chicks grow to be chickens and puppies grow to be dogs)	Scientific Inquiry	1
<u>VI.C.1.c</u>	2-3 yrs.	Begins to describe, compare, sort and classify objects based on observable physical characteristics (e.g., color, sound, weight)	Scientific Inquiry	2
<u>VI.C.1.d</u>	2-3 yrs.	Begins to use words to describe basic physical properties and states of matter of objects (e.g., wet/dry, hard/soft, warm/cold, firm/squishy)	Scientific Inquiry	2
<u>VI.D.1.c</u>	2-3 yrs.	Describes the objects in the sky (e.g., clouds, sun, moon and stars)	Scientific Inquiry	1
<u>VI.E.1.a</u>	2-3 yrs.	Begins to describe familiar people and objects in the environment	Scientific Inquiry	2

<u>VI.E.1.b</u>	2-3 yrs.	Begins to participate in activities to protect the environment	Scientific Inquiry	2
<u>VI.F.1.c</u>	2-3 yrs.	Begins to explore materials and construct simple objects and structures and begins to explore motion and stability (e.g., block building, ramps, pathways, sand, playdough and knocking over a block tower)	Scientific Inquiry	3
<u>VI.A.1.b</u>	3-4 yrs.	Uses senses to observe and experience objects and environment	Scientific Inquiry	3
<u>VI.A.2.a</u>	3-4 yrs.	Demonstrates the use of simple tools and equipment for observing and investigating (e.g., droppers, blocks, bug catchers)	Scientific Inquiry	2
<u>VI.A.3.c</u>	3-4 yrs.	Represents ideas and observations through drawings or using other forms of representation (e.g., manipulatives or different objects)	Scientific Inquiry	2
<u>VI.B.1.a</u>	3-4 yrs.	Observes and explores a variety of plants and animals and their environments (e.g., rabbits, birds, ladybugs, hermit crabs, eggs, butterflies and bugs in the garden)	Scientific Inquiry	2
<u>VI.B1.b</u>	3-4 yrs.	Begins to notice the similarities and differences among various living things	Scientific Inquiry	3
<u>VI.E.1.a</u>	3-4 yrs.	Describes familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.E.2.b</u>	3-4 yrs.	Participates in activities to protect the environment	Scientific Inquiry	1
<u>VI.A.1.b</u>	4 yrs.-K	Begins to identify and make observations about what can be learned about the world using each of the five senses	Scientific Inquiry	3
<u>VI.A.1.c</u>	4 yrs.-K	Begins to understand that individuals may experience sensory events differently from each other (e.g., may like sound of loud noises or feel of fuzzy fabric)	Scientific Inquiry	2
<u>VI.A.2.a</u>	4 yrs.-K	Uses tools and various technologies to support exploration and inquiry (e.g., digital cameras, scales)	Scientific Inquiry	2
<u>VI.B.1.a</u>	4 yrs.-K	Identifies characteristics of a variety of plants and animals including physical attributes and behaviors (e.g., camouflage, body covering, eye color, other adaptations and types of trees and where they grow)	Scientific Inquiry	2

<u>VI.B.1.b</u>	4 yrs.-K	Notices the similarities and differences among various living things	Scientific Inquiry	3
<u>VI.B.1.c</u>	4 yrs.-K	Understands that all living things grow, change and go through life cycles	Scientific Inquiry	2
<u>VI.C.1.e</u>	4 yrs.-K	Explores the relationship of objects to light (e.g., light and shadows)	Scientific Inquiry	1
<u>VI.E.1.a</u>	4 yrs.-K	Demonstrates how people use objects and natural resources in the environment	Scientific Inquiry	2
<u>VI.E.2.b.</u>	4 yrs.-K	Participates in daily routines demonstrating basic conservation strategies (e.g., conserving water when washing hands or brushing teeth)	Scientific Inquiry	1
<u>IV.A.1.a</u>	18-24 mo.	Engages in multiple back-and-forth communicative interactions with adults in purposeful and novel situations and responds to questions, requests and new information	Language and Literacy	2
<u>IV.A.1.b</u>	18-24 mo.	Responds appropriately to simple requests	Language and Literacy	3
<u>IV.A.1.b</u>	18-24 mo.	Uses nonverbal gestures to respond to adult's language and oral reading	Language and Literacy	2
<u>IV.A.2.a</u>	18-24 mo.	Responds verbally and nonverbally to spoken language	Language and Literacy	3
<u>IV.A.2.b</u>	18-24 mo.	Begins to participate in simple conversations	Language and Literacy	2
<u>IV.A.2.c</u>	18-24 mo.	Responds to language during conversations, songs, stories or other experiences	Language and Literacy	3
<u>IV.A.3.a</u>	18-24 mo.	Follows simple one-step directions with scaffolding	Language and Literacy	2
<u>IV.C.1.b</u>	18-24 mo.	Responds to requests (typically understands approximately 300 words)	Language and Literacy	2
<u>IV.C.2.a</u>	18-24 mo.	Uses a number of different words and begins using two or more words together	Language and Literacy	1

<u>IV.D.2.a</u>	18-24 mo.	Produces phrases of two words including labeling (e.g., “that dog”), action/agent (e.g., “mommy hug”) and object/attribute (e.g., “soup hot”)	Language and Literacy	1
<u>IV.E.1.a</u>	18-24 mo.	Engages in conversations by combining words or signs to indicate needs, wants or ideas, including one- or two-word questions and statements to initiate conversations	Language and Literacy	2
<u>IV.E.2.a</u>	18-24 mo.	Asks and responds to simple questions using one- to two-word phrases, gestures and facial expressions in back-and-forth exchanges with others	Language and Literacy	2
<u>IV.F.1.b</u>	18-24 mo.	Learns that pictures represent real objects, events and ideas (stories)	Language and Literacy	2
<u>IV.A.1.a</u>	2-3 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers during creative play and in purposeful and novel situations	Language and Literacy	2
<u>IV.A.1.b</u>	2-3 yrs.	Listens to and attends to spoken language and read-aloud texts and responds in ways that signal understanding using simple verbal responses and nonverbal gestures	Language and Literacy	2
<u>IV.A.2.a</u>	2-3 yrs.	Responds to an adult's simple questions about what is being learned	Language and Literacy	2
<u>IV.A.2.b</u>	2-3 yrs.	Participates in simple conversations	Language and Literacy	3
<u>IV.A.3.a</u>	2-3 yrs.	Follows multi-step directions with reminders	Language and Literacy	2
<u>IV.C.1.a</u>	2-3 yrs.	Responds appropriately to almost all adult speech including requests involving multiple steps	Language and Literacy	2
<u>IV.C.1.b</u>	2-3 yrs.	Demonstrates understanding of words across varied topics, including words or lines from books, songs and stories, as well as body parts (typically understands between 500-900 words)	Language and Literacy	2
<u>IV.D.2.a</u>	2-3 yrs.	Produces sentences or phrases of two to three words, including subject/verb/object (e.g., “Juan fell down.” “I did it.”)	Language and Literacy	2

<u>IV.E.1.a</u>	2-3 yrs.	Engages in conversations using words, signs, two- or three-word phrases, or simple sentences to initiate, continue or extend conversations with others	Language and Literacy	2
<u>IV.E.2.a</u>	2-3 yrs.	Asks and responds to simple questions (e.g., “Who?” “What?” “Where?” “Why?”) using gestures and two- or three-word phrases in back-and-forth exchanges	Language and Literacy	2
<u>IV.F.1.b</u>	2-3 yrs.	Demonstrates that pictures represent real objects, events and ideas (stories)	Language and Literacy	2
<u>IV.F.4.a</u>	2-3 yrs.	Demonstrates comprehension of meaning of text via pointing to pictures, responding to conversations	Language and Literacy	2
<u>IV.A.1.a</u>	3-4 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers in purposeful and novel situations to reach a goal	Language and Literacy	2
<u>IV.A.1.b</u>	3-4 yrs.	Shows understanding by answering factual questions and responding appropriately to what is said	Language and Literacy	2
<u>IV.A.3.a</u>	3-4 yrs.	Achieves mastery of one-step directions and usually follows two-step directions	Language and Literacy	1
<u>IV.C.2.a</u>	3-4 yrs.	Adds new words to vocabulary weekly (e.g., repeats words and integrates new words in play scenarios) (typically has a speaking vocabulary of approximately 1,000 words)	Language and Literacy	2
<u>IV.D.2.a</u>	3-4 yrs.	Produces sentences or phrases of two to five words including subject/verb/object (e.g., “Suzy has cookies.” “My shirt's got blue flowers.”)	Language and Literacy	1
<u>IV.E.1.a</u>	3-4 yrs.	Engages in conversations using sentences with four or more words, participates in simple, back-and-forth conversations to exchange ideas or information	Language and Literacy	1
<u>IV.F.1.b</u>	3-4 yrs.	Begins to make real-world connections between stories and real-life experiences	Language and Literacy	2
<u>IV.F.2.a</u>	3-4 yrs.	Listens and matches rhythm, volume and pitch of rhymes, songs and chants	Language and Literacy	3
<u>IV.G.1.a</u>	3-4 yrs.	Uses scribbling, letter-like shapes and drawings to represent thoughts and ideas	Language and Literacy	2

<u>IV.A.1.a</u>	4 yrs.-K	Engages in multiple back-and-forth communicative interactions with adults (e. g., teacher-shared information, read-aloud books) and peers to set goals, follow rules, solve problems and share what is learned with others	Language and Literacy	2
<u>IV.A.1.b</u>	4 yrs.-K	Shows understanding by asking and answering factual, predictive and inferential questions, adding comments relevant to the topic and reacting appropriately to what is said	Language and Literacy	2
<u>IV.A.3.a</u>	4 yrs.-K	Achieves mastery of two-step directions and usually follows three-step directions	Language and Literacy	1
<u>IV.C.2.a</u>	4 yrs.-K	Uses a large speaking vocabulary, adding new words weekly (e.g., repeats words and uses them appropriately in context) (typically has a vocabulary of more than 1,500 words)	Language and Literacy	2
<u>IV.D.2.a</u>	4 yrs.-K	Uses sentences with more than one phrase	Language and Literacy	1
<u>IV.E.1.a</u>	4 yrs.-K	Engages in conversations with two to three back-and-forth turns using language, gestures, and expressions (e.g., words related to social conventions like “please” and “thank you”)	Language and Literacy	1
<u>IV.F.1.b</u>	4 yrs.-K	Makes real-world connections between stories and real-life experiences	Language and Literacy	2
<u>IV.G.1.a</u>	4 yrs.-K	Intentionally uses scribbles/writing to convey meaning (e.g., signing artwork, captioning, labeling, creating lists, making notes)	Language and Literacy	2
<u>V.E.1</u>	18-24 mo.	Uses body to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	2
<u>V.F.1</u>	18-24 mo.	Uses appropriate size words or gestures (small, big) to describe objects accurately	Mathematical Thinking	1
<u>V.E.1</u>	2-3 yrs.	Begins to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	2
<u>V.F.2</u>	2-3 yrs.	Compares sets of objects by one attribute (e.g., sort by size)	Mathematical Thinking	1

<u>V.D.2</u>	3-4 yrs.	Matches a wider variety of shapes and orientations	Mathematical Thinking	3
<u>V.E.2</u>	3-4 yrs.	Demonstrates directionality, order and position of objects by following simple directions	Mathematical Thinking	1
<u>V.F.1</u>	3-4 yrs.	Uses size words to label objects	Mathematical Thinking	1
<u>V.F.2</u>	3-4 yrs.	Explores two objects by making direct comparisons in length, weight and size using a single attribute	Mathematical Thinking	2
<u>V.F.3</u>	3-4 yrs.	Measures object attributes using a variety of standard and nonstandard tools with adult guidance	Mathematical Thinking	2
<u>V.F.4</u>	3-4 yrs.	Participates in group sorting and data collection	Mathematical Thinking	2
<u>V.D.2</u>	4 yrs.-K	Describes, sorts and classifies two- and three-dimensional shapes using some attributes such as size, sides and other properties (e.g., vertices)	Mathematical Thinking	3
<u>V.E.2</u>	4 yrs.-K	Uses directions to move through space and find places in space	Mathematical Thinking	1
<u>V.F.1</u>	4 yrs.-K	Measures object attributes using a variety of standard and nonstandard tools	Mathematical Thinking	2
<u>V.E.2</u>	4 yrs.-K	Identifies measurable attributes such as length and weight and solves problems by making direct comparisons of objects	Mathematical Thinking	2
<u>VII.B.2</u>	18-24 mo.	Recognizes ability to impact surroundings	Social Studies	1
<u>VII.F.1</u>	18-24 mo.	Begins to follow simple requests	Social Studies	2
<u>VII.F.2</u>	18-24 mo.	Responds to problems in the environment	Social Studies	1
<u>VII.F.3</u>	18-24 mo.	Shows more complex responses to people and objects	Social Studies	2
<u>VII.H.1</u>	18-24 mo.	Begins to recognize there are tools and machines (e.g., spoon for eating, cups and containers used in play, or wagon or cart used in the play area)	Social Studies	1

VII.D.2	2-3 yrs.	Explores own environment	Social Studies	3
VII.E.1	2-3 yrs.	Begins to sequence events	Social Studies	1
VII.F.2	2-3 yrs.	Demonstrates emerging problem-solving and decision-making skills	Social Studies	1
VII.G.2	2-3 yrs.	Shows awareness of occupations	Social Studies	1
VII.E.1	3-4 yrs.	Recognizes sequence of events to establish a sense of order and time	Social Studies	2
VII.E.2	3-4 yrs.	Explores changes that take place over time in the immediate environment	Social Studies	3
VII.G.2	3-4 yrs.	Recognizes familiar people who perform different occupations	Social Studies	1
VII.H.1	3-4 yrs.	Uses technology as a tool when appropriate (e.g., writing utensils, electronic toys, DVD, music players, digital cameras, computers or tablets)	Social Studies	1
VII.E.1	4 yrs.-K	Identifies changes within a sequence of events to establish a sense of order and time	Social Studies	2
VII.E.2	4 yrs.-K	Observes and recognizes changes that take place over time in the immediate environment	Social Studies	3
VII.H.1	4 yrs.-K	Uses and shows awareness of technology and its impact on how people live (e.g., computers, tablets, mobile devices, cameras or music players)	Social Studies	1
Parts to Play		Activity 9/ Meeting Neighborhood Trees		
Standard Code	Age/ Grade	Standard/Benchmark	Subject	Level of Activity
VI.A.1.b	18-24 mo.	Explores the nature of sensory materials and experiences (e.g., different textures, sounds, tastes and wind)	Scientific Inquiry	2
VI.A.3.a	18-24 mo.	Begins to combine simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	3

<u>VI.B.1.a</u>	18-24 mo.	Explores, interacts with and identifies some plants and animals	Scientific Inquiry	3
<u>VI.E.1.a</u>	18-24 mo.	Identifies familiar people and objects in the environment	Scientific Inquiry	3
<u>VI.A.1.b</u>	2-3 yrs.	Begins to use senses to observe and experience the environment	Scientific Inquiry	3
<u>VI.A.1.c</u>	2-3 yrs.	Begins to identify objects and features of the world (e.g., bird call, thunder, wind and fire truck)	Scientific Inquiry	2
<u>VI.A.3.a</u>	2-3 yrs.	Combines simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	2
<u>VI.A.3.b</u>	2-3 yrs.	Recognizes and begins to respond to results of own actions	Scientific Inquiry	1
<u>VI.B.1.a</u>	2-3 yrs.	Explores, interacts with and identifies a growing number and variety of plants and animals	Scientific Inquiry	2
<u>VI.B.1.b</u>	2-3 yrs.	Begins to explore how plants and animals grow and change (e.g., baby chicks grow to be chickens and puppies grow to be dogs)	Scientific Inquiry	3
<u>VI.C.1.c</u>	2-3 yrs.	Begins to describe, compare, sort and classify objects based on observable physical characteristics (e.g., color, sound, weight)	Scientific Inquiry	2
<u>VI.E.1.a</u>	2-3 yrs.	Begins to describe familiar people and objects in the environment	Scientific Inquiry	3
<u>VI.F.1.c</u>	2-3 yrs.	Begins to explore materials and construct simple objects and structures and begins to explore motion and stability (e.g., block building, ramps, pathways, sand, playdough and knocking over a block tower)	Scientific Inquiry	2
<u>VI.A.1.b</u>	3-4 yrs.	Uses senses to observe and experience objects and environment	Scientific Inquiry	3
<u>VI.A.3.c</u>	3-4 yrs.	Represents ideas and observations through drawings or using other forms of representation (e.g., manipulatives or different objects)	Scientific Inquiry	2
<u>VI.B.1.a</u>	3-4 yrs.	Observes and explores a variety of plants and animals and their environments (e.g., rabbits, birds, ladybugs, hermit crabs, eggs, butterflies and bugs in the garden)	Scientific Inquiry	2

<u>VI.B.1.b</u>	3-4 yrs.	Begins to notice the similarities and differences among various living things	Scientific Inquiry	2
<u>VI.B.1.e</u>	3-4 yrs.	Explores basic life cycles (e.g., plants grow from seeds and hatching eggs)	Scientific Inquiry	2
<u>VI.F.1.c</u>	3-4 yrs.	Explores and constructs simple objects and structures with appropriate materials and explores concept of stability of structures (e.g., block building, ramps, pathways, sand, playdough and knocking over a block tower)	Scientific Inquiry	2
<u>VI.A.1.b</u>	4 yrs.-K	Begins to identify and make observations about what can be learned about the world using each of the five senses	Scientific Inquiry	3
<u>VI.A.3.b</u>	4 yrs.-K	Collects and records data through drawing, writing, dictation and taking photographs (e.g., using tables, charts, drawings, tallies and graphs)	Scientific Inquiry	3
<u>VI.A.3.c</u>	4 yrs.-K	Begins to form conclusions and construct explanations (e.g., What do the results mean?)	Scientific Inquiry	2
<u>VI.B.1.a</u>	4 yrs.-K	Identifies characteristics of a variety of plants and animals including physical attributes and behaviors (e.g., camouflage, body covering, eye color, other adaptations and types of trees and where they grow)	Scientific Inquiry	3
<u>VI.B.1.b</u>	4 yrs.-K	Notices the similarities and differences among various living things	Scientific Inquiry	2
<u>VI.B.1.e</u>	4 yrs.-K	Understands that all living things grow, change and go through life cycles	Scientific Inquiry	2
<u>VI.F.1.d</u>	4 yrs.-K	Invents and constructs simple objects or more complex structures and investigates concepts of motion and stability of structures (e.g., ramps, pathways, structure, Legos, block building and play)	Scientific Inquiry	2
<u>IV.A.1.a</u>	18-24 mo.	Engages in multiple back-and-forth communicative interactions with adults in purposeful and novel situations and responds to questions, requests and new information	Language and Literacy	2
<u>IV.A.1.b</u>	18-24 mo.	Responds appropriately to simple requests	Language and Literacy	3

<u>IV.A.1.c</u>	18-24 mo.	Uses nonverbal gestures to respond to adult's language and oral reading	Language and Literacy	2
<u>IV.A.2.a</u>	18-24 mo.	Responds verbally and nonverbally to spoken language	Language and Literacy	3
<u>IV.A.2.b</u>	18-24 mo.	Begins to participate in simple conversations	Language and Literacy	3
<u>IV.A.2.c</u>	18-24 mo.	Responds to language during conversations, songs, stories or other experiences	Language and Literacy	3
<u>IV.A.3.a</u>	18-24 mo.	Follows simple one-step directions with scaffolding	Language and Literacy	3
<u>IV.C.1.b</u>	18-24 mo.	Responds to requests (typically understands approximately 300 words)	Language and Literacy	2
<u>IV.C.2.a</u>	18-24 mo.	Uses a number of different words and begins using two or more words together	Language and Literacy	2
<u>IV.D.2.a</u>	18-24 mo.	Produces phrases of two words including labeling (e.g., “that dog”), action/agent (e.g., “mommy hug”) and object/attribute (e.g., “soup hot”)	Language and Literacy	2
<u>IV.E.1.a</u>	18-24 mo.	Engages in conversations by combining words or signs to indicate needs, wants or ideas, including one- or two-word questions and statements to initiate conversations	Language and Literacy	2
<u>IV.E.2.a</u>	18-24 mo.	Asks and responds to simple questions using one- to two-word phrases, gestures and facial expressions in back-and-forth exchanges with others	Language and Literacy	2
<u>IV.F.1.b</u>	18-24 mo.	Learns that pictures represent real objects, events and ideas (stories)	Language and Literacy	2
<u>IV.A.1.a</u>	2-3 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers during creative play and in purposeful and novel situations	Language and Literacy	2
<u>IV.A.1.b</u>	2-3 yrs.	Listens to and attends to spoken language and read-aloud texts and responds in ways that signal understanding using simple verbal responses and nonverbal gestures	Language and Literacy	2

<u>IV.A.2.a</u>	2-3 yrs.	Responds to an adult's simple questions about what is being learned	Language and Literacy	2
<u>IV.A.2.b</u>	2-3 yrs.	Participates in simple conversations	Language and Literacy	3
<u>IV.A.3.a</u>	2-3 yrs.	Follows multi-step directions with reminders	Language and Literacy	3
<u>IV.C.1.a</u>	2-3 yrs.	Responds appropriately to almost all adult speech including requests involving multiple steps	Language and Literacy	2
<u>IV.C.1.b</u>	2-3 yrs.	Demonstrates understanding of words across varied topics, including words or lines from books, songs and stories, as well as body parts (typically understands between 500-900 words)	Language and Literacy	2
<u>IV.D.2.a</u>	2-3 yrs.	Produces sentences or phrases of two to three words, including subject/verb/object (e.g., "Juan fell down." "I did it.")	Language and Literacy	2
<u>IV.E.1.a</u>	2-3 yrs.	Engages in conversations using words, signs, two- or three-word phrases, or simple sentences to initiate, continue or extend conversations with others	Language and Literacy	2
<u>IV.E.2.a</u>	2-3 yrs.	Asks and responds to simple questions (e.g., "Who?" "What?" "Where?" "Why?") using gestures and two- or three-word phrases in back-and-forth exchange ²	Language and Literacy	3
<u>IV.F.1.b</u>	2-3 yrs.	Demonstrates that pictures represent real objects, events and ideas (stories)	Language and Literacy	2
<u>IV.F.2.a</u>	2-3 yrs.	Begins to demonstrate appreciation for sounds and patterns in language (e.g., wordplay, listening to nursery rhymes, singing songs with repetitive phrases and sounds)	Language and Literacy	2
<u>IV.F.4.a</u>	2-3 yrs.	Demonstrates comprehension of meaning of text via pointing to pictures, responding to conversations	Language and Literacy	2
<u>IV.A.1.a</u>	3-4 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers in purposeful and novel situations to reach a goal	Language and Literacy	2
<u>IV.A.1.b</u>	3-4 yrs.	Shows understanding by answering factual questions and responding appropriately to what is said	Language and Literacy	2

<u>IV.A.2.a</u>	3-4 yrs.	Tells the main idea or topic of a conversation, story, informational text or creative play, and makes a connection	Language and Literacy	2
<u>IV.A.3.a</u>	3-4 yrs.	Achieves mastery of one-step directions and usually follows two-step directions	Language and Literacy	2
<u>IV.C.1.a</u>	3-4 yrs.	Begins to demonstrate understanding of age-appropriate vocabulary across multiple topic areas and demonstrates a variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	3
<u>IV.C.2.b</u>	3-4 yrs.	Describes what objects are used for and is able to express ideas (e.g., names some colors, shapes, and says full name)	Language and Literacy	1
<u>IV.E.1.a</u>	3-4 yrs.	Engages in conversations using sentences with four or more words, participates in simple, back-and-forth conversations to exchange ideas or information	Language and Literacy	2
<u>IV.F.1.b</u>	3-4 yrs.	Begins to make real-world connections between stories and real-life experiences	Language and Literacy	2
<u>IV.F.1.e</u>	3-4 yrs.	Participates in conversations that demonstrate appreciation of printed materials	Language and Literacy	1
<u>IV.F.2.a</u>	3-4 yrs.	Listens and matches rhythm, volume and pitch of rhymes, songs and chants	Language and Literacy	2
<u>IV.F.3.a</u>	3-4 yrs.	Recognizes that print conveys meaning	Language and Literacy	1
<u>IV.F.4.a</u>	3-4 yrs.	Retells or reenacts parts of a story after it is read aloud	Language and Literacy	2
<u>IV.A.1.a</u>	4 yrs.-K	Engages in multiple back-and-forth communicative interactions with adults (e. g., teacher-shared information, read-aloud books) and peers to set goals, follow rules, solve problems and share what is learned with others	Language and Literacy	2
<u>IV.A.1.b</u>	4 yrs.-K	Shows understanding by asking and answering factual, predictive and inferential questions, adding comments relevant to the topic and reacting appropriately to what is said	Language and Literacy	2

<u>IV.A.2.a</u>	4 yrs.-K	Identifies the main idea, some details of a conversation, story or informational text and can explicitly connect what is being learned to own existing knowledge	Language and Literacy	2
<u>IV.A.3.a</u>	4 yrs.-K	Achieves mastery of two-step directions and usually follows three-step directions	Language and Literacy	2
<u>IV.C.1.a</u>	4 yrs.-K	Demonstrates understanding of age-appropriate vocabulary across many topic areas and demonstrates a wide variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	3
<u>IV.C.2.b</u>	4 yrs.-K	Uses a variety of word-meaning relationships (e.g., part-whole, object-function, object-location)	Language and Literacy	1
<u>IV.C.2.b</u>	4 yrs.-K	Engages in conversations with two to three back-and-forth turns using language, gestures, and expressions (e.g., words related to social conventions like “please” and “thank you”)	Language and Literacy	2
<u>IV.F.1.b</u>	4 yrs.-K	Makes real-world connections between stories and real-life experiences	Language and Literacy	2
<u>IV.F.1.e</u>	4 yrs.-K	Initiates and participates in conversations that demonstrate appreciation of printed materials	Language and Literacy	1
<u>IV.F.3.a</u>	4 yrs.-K	Recognizes that print conveys meaning	Language and Literacy	1
<u>IV.F.4.a</u>	4 yrs.-K	Retells or reenacts story with increasing accuracy and complexity after it is read aloud	Language and Literacy	2
<u>V.A.1</u>	18-24 mo.	Uses number words or sign language to identify small amounts referring to quantity	Mathematical Thinking	2
<u>V.D.1</u>	18-24 mo.	Begins to sort familiar objects into two groups based on size	Mathematical Thinking	1
<u>V.E.1</u>	18-24 mo.	Uses body to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	2
<u>V.F.1</u>	18-24 mo.	Uses appropriate size words or gestures (small, big) to describe objects accurately	Mathematical Thinking	1

<u>V.A.2</u>	2-3 yrs.	Begins to count groups of one to five objects in daily routine	Mathematical Thinking	1
<u>V.E.1</u>	2-3 yrs.	Begins to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	2
<u>V.F.2</u>	2-3 yrs.	Compares sets of objects by one attribute (e.g., sort by size)	Mathematical Thinking	1
<u>V.A.6</u>	3-4 yrs.	Constructs and counts sets of one to five and beyond	Mathematical Thinking	3
<u>V.B.1</u>	3-4 yrs.	Explores quantities up to five using objects, fingers and dramatic play to solve real-world joining and separating problems	Mathematical Thinking	3
<u>V.F.4</u>	3-4 yrs.	Participates in group sorting and data collection	Mathematical Thinking	2
<u>V.A.5</u>	4 yrs.-K	Constructs and counts sets of objects (one to 10 and beyond)	Mathematical Thinking	3
<u>V.B.1</u>	4 yrs.-K	Explores quantities up to eight using objects, fingers and dramatic play to solve real-world joining and separating problems	Mathematical Thinking	3
<u>VII.F.1</u>	18-24 mo.	Begins to follow simple requests	Social Studies	2
<u>VII.D.2</u>	2-3 yrs.	Explores own environment	Social Studies	3
<u>VII.E.1</u>	2-3 yrs.	Begins to sequence events	Social Studies	3
<u>VII.G.2</u>	2-3 yrs.	Shows awareness of occupations	Social Studies	1
<u>VII.H.1</u>	2-3 yrs.	Explores technology tools and interactive media (e.g., writing utensils, electronic toys, DVD and music players)	Social Studies	1
<u>VII.D.4</u>	3-4 yrs.	Begins to use spatial words (e.g., far/close, over/under and up/down)	Social Studies	1
<u>VII.G.2</u>	3-4 yrs.	Recognizes familiar people who perform different occupations	Social Studies	1

VII.D.4	4 yrs.-K	Begins to use spatial words (e.g., far/close, over/under and up/down)	Social Studies	1
Home Tweet Home		Activity 10/ Meeting Neighborhood Trees		
Standard Code	Age/Grade	Standard/Benchmark	Subject	Level of Activity
VI.A.1.b	18-24 mo.	Explores the nature of sensory materials and experiences (e.g., different textures, sounds, tastes and wind)	Scientific Inquiry	2
VI.A.3.a	18-24 mo.	Begins to combine simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	3
VI.B.1.a	18-24 mo.	Explores, interacts with and identifies some plants and animals	Scientific Inquiry	3
VI.E.1.a	18-24 mo.	Identifies familiar people and objects in the environment	Scientific Inquiry	2
VI.F.1.a	18-24 mo.	Uses simple tools to explore	Scientific Inquiry	3
VI.A.1.b	2-3 yrs.	Begins to use senses to observe and experience the environment	Scientific Inquiry	3
VI.A.1.c	2-3 yrs.	Begins to identify objects and features of the world (e.g., bird call, thunder, wind and fire truck)	Scientific Inquiry	2
VI.A.2.a	2-3 yrs.	Begins to use simple tools to explore and observe (e.g., magnifiers, spoons)	Scientific Inquiry	2
VI.A.3.a	2-3 yrs.	Combines simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	3
VI.A.3.b	2-3 yrs.	Recognizes and begins to respond to results of own actions	Scientific Inquiry	1
VI.B.1.a	2-3 yrs.	Explores, interacts with and identifies a growing number and variety of plants and animals	Scientific Inquiry	2
VI.C.1.c	2-3 yrs.	Begins to describe, compare, sort and classify objects based on observable physical characteristics (e.g., color, sound, weight)	Scientific Inquiry	1

<u>VI.E.1.a</u>	2-3 yrs.	Begins to describe familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.E.1.a</u>	2-3 yrs.	Begins to participate in activities to protect the environment	Scientific Inquiry	2
<u>VI.A.1.b</u>	3-4 yrs.	Uses senses to observe and experience objects and environment	Scientific Inquiry	3
<u>VI.A.2.a</u>	3-4 yrs.	Demonstrates the use of simple tools and equipment for observing and investigating (e.g., droppers, blocks, bug catchers)	Scientific Inquiry	1
<u>VI.A.3.a</u>	3-4 yrs.	Makes simple predictions and reflects on what caused something to happen	Scientific Inquiry	2
<u>VI.A.3.b</u>	3-4 yrs.	Participates in and discusses simple experiments	Scientific Inquiry	1
<u>VI.A.3.c</u>	3-4 yrs.	Represents ideas and observations through drawings or using other forms of representation (e.g., manipulatives or different objects)	Scientific Inquiry	3
<u>VI.B.1.a</u>	3-4 yrs.	Observes and explores a variety of plants and animals and their environments (e.g., rabbits, birds, ladybugs, hermit crabs, eggs, butterflies and bugs in the garden)	Scientific Inquiry	2
<u>VI.B.1.b</u>	3-4 yrs.	Begins to notice the similarities and differences among various living things	Scientific Inquiry	2
<u>VI.B.1.d</u>	3-4 yrs.	Explores the differences between living and non-living things	Scientific Inquiry	1
<u>VI.B.1.e</u>	3-4 yrs.	Explores basic life cycles (e.g., plants grow from seeds and hatching eggs)	Scientific Inquiry	1
<u>VI.D.1.d</u>	3-4 yrs.	Describes typical daytime and nighttime activities for people and other animals through drawing, naming or pretend play	Scientific Inquiry	1
<u>VI.E1.a</u>	3-4 yrs.	Describes familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.E.1.b</u>	3-4 yrs.	Participates in activities to protect the environment	Scientific Inquiry	2
<u>VI.A.1.b</u>	4 yrs.-K	Begins to identify and make observations about what can be learned about the world using each of the five senses	Scientific Inquiry	3

<u>VI.A.2.a</u>	4 yrs.-K	Uses tools and various technologies to support exploration and inquiry (e.g., digital cameras, scales)	Scientific Inquiry	1
<u>VI.A.3.a</u>	4 yrs.-K	Makes predictions and tests their predictions through experimentation and investigation	Scientific Inquiry	2
<u>VI.A.3.b</u>	4 yrs.-K	Collects and records data through drawing, writing, dictation and taking photographs (e.g., using tables, charts, drawings, tallies and graphs)	Scientific Inquiry	3
<u>VI.A.3.c</u>	4 yrs.-K	Begins to form conclusions and construct explanations (e.g., What do the results mean?)	Scientific Inquiry	1
<u>VI.B.1.a</u>	4 yrs.-K	Identifies characteristics of a variety of plants and animals including physical attributes and behaviors (e.g., camouflage, body covering, eye color, other adaptations, types of trees and where they grow)	Scientific Inquiry	2
<u>VI.B.1.b</u>	4 yrs.-K	Notices the similarities and differences among various living thing	Scientific Inquiry	2
<u>VI.B.1.d</u>	4 yrs.-K	Begins to distinguish between living and non-living things	Scientific Inquiry	1
<u>VI.B.1.e</u>	4 yrs.-K	Understands that all living things grow, change and go through life cycles	Scientific Inquiry	1
<u>VI.D.1.d</u>	4 yrs.-K	Describes typical daytime and nighttime activities for people and other animals through drawing, naming or pretend play	Scientific Inquiry	1
<u>VI.E.1.c</u>	4 yrs.-K	Identifies examples of organized efforts to protect the environment (e.g., recycling materials in the classroom)	Scientific Inquiry	2
<u>IV.A.1.a</u>	18-24 mo.	Engages in multiple back-and-forth communicative interactions with adults in purposeful and novel situations and responds to questions, requests and new information	Language and Literacy	2
<u>IV.A.1.b</u>	18-24 mo.	Responds appropriately to simple requests	Language and Literacy	3
<u>IV.A.1.c</u>	18-24 mo.	Uses nonverbal gestures to respond to adult's language and oral reading	Language and Literacy	2
<u>IV.A.2.a</u>	18-24 mo.	Responds verbally and nonverbally to spoken language	Language and Literacy	3

<u>IV.A.2.b</u>	18-24 mo.	Begins to participate in simple conversations	Language and Literacy	3
<u>IV.A.2.c</u>	18-24 mo.	Responds to language during conversations, songs, stories or other experiences	Language and Literacy	3
<u>IV.A.3.a</u>	18-24 mo.	Follows simple one-step directions with scaffolding	Language and Literacy	3
<u>IV.C.1.b</u>	18-24 mo.	Responds to requests (typically understands approximately 300 words)	Language and Literacy	2
<u>IV.C.2.a</u>	18-24 mo.	Uses a number of different words and begins using two or more words together	Language and Literacy	2
<u>IV.D.2.a</u>	18-24 mo.	Produces phrases of two words including labeling (e.g., “that dog”), action/agent (e.g., “mommy hug”) and object/attribute (e.g., “soup hot”)	Language and Literacy	2
<u>IV.E.1.a</u>	18-24 mo.	Engages in conversations by combining words or signs to indicate needs, wants or ideas, including one- or two-word questions and statements to initiate conversations	Language and Literacy	2
<u>IV.E.2.a</u>	18-24 mo.	Asks and responds to simple questions using one- to two-word phrases, gestures and facial expressions in back-and-forth exchanges with others	Language and Literacy	2
<u>IV.F.1.b</u>	18-24 mo.	Learns that pictures represent real objects, events and ideas (stories)	Language and Literacy	2
<u>IV.A.1.a</u>	2-3 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers during creative play and in purposeful and novel situations	Language and Literacy	2
<u>IV.A.1.b</u>	2-3 yrs.	Listens to and attends to spoken language and read-aloud texts and responds in ways that signal understanding using simple verbal responses and nonverbal gestures	Language and Literacy	3
<u>IV.A.2.a</u>	2-3 yrs.	Responds to an adult's simple questions about what is being learned	Language and Literacy	3
<u>IV.A.2.b</u>	2-3 yrs.	Participates in simple conversations	Language and Literacy	3

<u>IV.A.2.c</u>	2-3 yrs.	Identifies specific sounds, such as animal sounds and environmental sounds	Language and Literacy	2
<u>IV.A.3.a</u>	2-3 yrs.	Follows multi-step directions with reminders	Language and Literacy	3
<u>IV.C.1.a</u>	2-3 yrs.	Responds appropriately to almost all adult speech including requests involving multiple steps	Language and Literacy	3
<u>IV.C.1.b</u>	2-3 yrs.	Demonstrates understanding of words across varied topics, including words or lines from books, songs and stories, as well as body parts (typically understands between 500-900 words)	Language and Literacy	2
<u>IV.D.2.a</u>	2-3 yrs.	Produces sentences or phrases of two to three words, including subject/verb/object (e.g., “Juan fell down.” “I did it.”)	Language and Literacy	2
<u>IV.E.1.a</u>	2-3 yrs.	Engages in conversations using words, signs, two- or three-word phrases, or simple sentences to initiate, continue or extend conversations with others	Language and Literacy	2
<u>IV.E.2.a</u>	2-3 yrs.	Asks and responds to simple questions (e.g., “Who?” “What?” “Where?” “Why?”) using gestures and two- or three-word phrases in back-and-forth exchange ²	Language and Literacy	3
<u>IV.F.1.b</u>	2-3 yrs.	Demonstrates that pictures represent real objects, events and ideas (stories)	Language and Literacy	3
<u>IV.F.4.a</u>	2-3 yrs.	Demonstrates comprehension of meaning of text via pointing to pictures, responding to conversations	Language and Literacy	2
<u>IV.G.1.a</u>	2-3 yrs.	Begins to use scribbles, marks and drawings to represent thoughts and ideas	Language and Literacy	2
<u>IV.A.1.a</u>	3-4 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers in purposeful and novel situations to reach a goal	Language and Literacy	2
<u>IV.A.1.b</u>	3-4 yrs.	Shows understanding by answering factual questions and responding appropriately to what is said	Language and Literacy	2

<u>IV.C.1.a</u>	3-4 yrs.	Begins to demonstrate understanding of age-appropriate vocabulary across multiple topic areas and demonstrates a variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	2
<u>IV.C.2.a</u>	3-4 yrs.	Adds new words to vocabulary weekly (e.g., repeats words and integrates new words in play scenarios) (typically has a speaking vocabulary of approximately 1,000 words)	Language and Literacy	2
<u>IV.D.2.a</u>	3-4 yrs.	Produces sentences or phrases of two to five words including subject/verb/object (e.g., “Suzy has cookies.” “My shirt's got blue flowers.”)	Language and Literacy	2
<u>IV.E.1.a</u>	3-4 yrs.	Engages in conversations using sentences with four or more words, participates in simple, back-and-forth conversations to exchange ideas or information	Language and Literacy	1
<u>IV.F.1.b</u>	3-4 yrs.	Begins to make real-world connections between stories and real-life experiences	Language and Literacy	3
<u>IV.F.1.e</u>	3-4 yrs.	Participates in conversations that demonstrate appreciation of printed materials	Language and Literacy	2
<u>IV.F.3.a</u>	3-4 yrs.	Recognizes that print conveys meaning	Language and Literacy	2
<u>IV.F.4.a</u>	3-4 yrs.	Retells or reenacts parts of a story after it is read aloud	Language and Literacy	3
<u>IV.A.1.a</u>	4 yrs.-K	Engages in multiple back-and-forth communicative interactions with adults (e. g., teacher-shared information, read-aloud books) and peers to set goals, follow rules, solve problems and share what is learned with others	Language and Literacy	2
<u>IV.A.1.b</u>	4 yrs.-K	Shows understanding by asking and answering factual, predictive and inferential questions, adding comments relevant to the topic and reacting appropriately to what is said	Language and Literacy	3

<u>IV.C.1.a</u>	4 yrs.-K	Demonstrates understanding of age-appropriate vocabulary across many topic areas and demonstrates a wide variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	2
<u>IV.C.1.b</u>	4 yrs.-K	Demonstrates understanding of functional and organizational language (e.g., same and different, in front of and behind, next to, opposite, below) in multiple environments	Language and Literacy	2
<u>IV.C.2.a</u>	4 yrs.-K	Uses a large speaking vocabulary, adding new words weekly (e.g., repeats words and uses them appropriately in context) (typically has a vocabulary of more than 1,500 words)	Language and Literacy	1
<u>IV.D.2.a</u>	4 yrs.-K	Typically uses complete sentences of five or more words, usually with subject, verb and object order	Language and Literacy	1
<u>IV.E.1.a</u>	4 yrs.-K	Engages in conversations with two to three back-and-forth turns using language, gestures, and expressions (e.g., words related to social conventions like “please” and “thank you”)	Language and Literacy	1
<u>IV.F.1.b</u>	4 yrs.-K	Makes real-world connections between stories and real-life experiences	Language and Literacy	3
<u>IV.F.1.e</u>	4 yrs.-K	Initiates and participates in conversations that demonstrate appreciation of printed materials	Language and Literacy	2
<u>IV.F.3.a</u>	4 yrs.-K	Recognizes that print conveys meaning	Language and Literacy	2
<u>IV.F.4.a</u>	4 yrs.-K	Retells or reenacts story with increasing accuracy and complexity after it is read aloud	Language and Literacy	3
<u>V.A.1</u>	2-3 yrs.	Begins to count groups of one to five objects in daily routine	Mathematical Thinking	1
<u>V.E.1</u>	2-3 yrs.	Begins to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	1
<u>VII.B.2</u>	18-24 mo.	Recognizes ability to impact surroundings	Social Studies	1

VII.F.1	18-24 mo.	Begins to follow simple requests	Social Studies	2
VII.F.2	18-24 mo.	Responds to problems in the environment	Social Studies	1
VII.F.3	18-24 mo.	Shows more complex responses to people and objects	Social Studies	2
VII.H.1	18-24 mo.	Begins to recognize there are tools and machines (e.g., spoon for eating, cups and containers used in play, or wagon or cart used in the play area)	Social Studies	1
VII.D.2	2-3 yrs.	Explores own environment	Social Studies	3
VII.G.2	2-3 yrs.	Shows awareness of occupations	Social Studies	1
VII.D.2	3-4 yrs.	Identifies own environment and other locations	Social Studies	2
VII.D.4	3-4 yrs.	Begins to use spatial words (e.g., far/close, over/under and up/down)	Social Studies	1
VII.G.2	3-4 yrs.	Recognizes familiar people who perform different occupations	Social Studies	1
VII.D.2	4 yrs.-K	Identifies differences and similarities between own environment and other locations	Social Studies	2
VII.D.4	4 yrs.-K	Begins to use spatial words (e.g., far/close, over/under and up/down)	Social Studies	1

Community Explorers

Activity 11/ Meeting Neighborhood Trees

Standard Code	Age/ Grade	Standard/Benchmark	Subject	Level of Activity
VI.A.1.b	18-24 mo.	Explores the nature of sensory materials and experiences (e.g., different textures, sounds, tastes and wind)	Scientific Inquiry	2
VI.A.2.a	18-24 mo.	Recognizes and uses simple tools as props through play (e.g., spoons or brushes)	Scientific Inquiry	2

<u>VI.A.3.a</u>	18-24 mo.	Begins to combine simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	1
<u>VI.B.1.a</u>	18-24 mo.	Explores, interacts with and identifies some plants and animals	Scientific Inquiry	1
<u>VI.E.1.a</u>	18-24 mo.	Identifies familiar people and objects in the environment	Scientific Inquiry	3
<u>VI.A.1.b</u>	2-3 yrs.	Begins to use senses to observe and experience the environment	Scientific Inquiry	3
<u>VI.A.1.c</u>	2-3 yrs.	Begins to identify objects and features of the world (e.g., bird call, thunder, wind and fire truck)	Scientific Inquiry	3
<u>VI.A.3.a</u>	2-3 yrs.	Combines simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	1
<u>VI.B.1.a</u>	2-3 yrs.	Explores, interacts with and identifies a growing number and variety of plants and animals	Scientific Inquiry	1
<u>VI.C.1.c</u>	2-3 yrs.	Begins to describe, compare, sort and classify objects based on observable physical characteristics (e.g., color, sound, weight)	Scientific Inquiry	1
<u>VI.E.1.a</u>	2-3 yrs.	Begins to describe familiar people and objects in the environment	Scientific Inquiry	3
<u>VI.E.1.b</u>	2-3 yrs.	Begins to participate activities to protect the environment	Scientific Inquiry	2
<u>VI.F.1.a</u>	2-3 yrs.	Uses props to represent simple tools through play	Scientific Inquiry	2
<u>VI.F.1.c</u>	2-3 yrs.	Begins to explore materials and construct simple objects and structures and begins to explore motion and stability (e.g., block building, ramps, pathways, sand, playdough and knocking over a block tower)	Scientific Inquiry	1
<u>VI.A.1.b</u>	3-4 yrs.	Uses senses to observe and experience objects and environment	Scientific Inquiry	3
<u>VI.A.3.c</u>	3-4 yrs.	Represents ideas and observations through drawings or using other forms of representation (e.g., manipulatives or different objects)	Scientific Inquiry	3
<u>VI.B.1.b</u>	3-4 yrs.	Begins to notice the similarities and differences among various living things	Scientific Inquiry	1

<u>VI.B.1.e</u>	3-4 yrs.	Explores the needs of living things (e.g., plants need water to grow and kids need food to grow)	Scientific Inquiry	1
<u>VI.E.1.a</u>	3-4 yrs.	Describes familiar people and objects in the environment	Scientific Inquiry	2
<u>VI.E.1.b</u>	3-4 yrs.	Participates in activities to protect the environment	Scientific Inquiry	2
<u>VI.F.1.c</u>	3-4 yrs.	Explores and constructs simple objects and structures with appropriate materials and explores concept of stability of structures (e.g., block building, ramps, pathways, sand, playdough and knocking over a block tower)	Scientific Inquiry	1
<u>VI.A.1.b</u>	4 yrs.-K	Begins to identify and make observations about what can be learned about the world using each of the five senses	Scientific Inquiry	2
<u>VI.A.2.a</u>	4 yrs.-K	Uses tools and various technologies to support exploration and inquiry (e.g., digital cameras, scales)	Scientific Inquiry	2
<u>VI.A.3.b</u>	4 yrs.-K	Collects and records data through drawing, writing, dictation and taking photographs (e.g., using tables, charts, drawings, tallies and graphs)	Scientific Inquiry	2
<u>VI.A.3.c</u>	4 yrs.-K	Begins to form conclusions and construct explanations (e.g., What do the results mean?)	Scientific Inquiry	1
<u>VI.B.1.a</u>	4 yrs.-K	Identifies characteristics of a variety of plants and animals including physical attributes and behaviors (e.g., camouflage, body covering, eye color, other adaptations, types of trees and where they grow)	Scientific Inquiry	1
<u>VI.B.1.b</u>	4 yrs.-K	Notices the similarities and differences among various living thing	Scientific Inquiry	1
<u>VI.B.1.e</u>	4 yrs.-K	Observes that living things differ with regard to their needs and habitats	Scientific Inquiry	1
<u>VI.C.1.e</u>	4 yrs.-K	Explores the relationship of objects to light (e.g., light and shadows)	Scientific Inquiry	1
<u>VI.E.1.a</u>	4 yrs.-K	Demonstrates how people use objects and natural resources in the environment	Scientific Inquiry	1
<u>VI.E.1.c</u>	4 yrs.-K	Identifies examples of organized efforts to protect the environment (e.g., recycling materials in the classroom)	Scientific Inquiry	3

<u>VI.F.1.e</u>	4 yrs.-K	Invents and constructs simple objects or more complex structures and investigates concepts of motion and stability of structures (e.g., ramps, pathways, structure, Legos, block building and play)	Scientific Inquiry	1
<u>IV.A.1.a</u>	18-24 mo.	Engages in multiple back-and-forth communicative interactions with adults in purposeful and novel situations and responds to questions, requests and new information	Language and Literacy	2
<u>IV.A.1.b</u>	18-24 mo.	Responds appropriately to simple requests	Language and Literacy	2
<u>IV.A.1.c</u>	18-24 mo.	Uses nonverbal gestures to respond to adult's language and oral reading	Language and Literacy	2
<u>IV.A.2.a</u>	18-24 mo.	Responds verbally and nonverbally to spoken language	Language and Literacy	1
<u>IV.A.2.b</u>	18-24 mo.	Begins to participate in simple conversations	Language and Literacy	2
<u>IV.A.2.c</u>	18-24 mo.	Responds to language during conversations, songs, stories or other experiences	Language and Literacy	2
<u>IV.A.3.a</u>	18-24 mo.	Follows simple one-step directions with scaffolding	Language and Literacy	1
<u>IV.C.1.b</u>	18-24 mo.	Responds to requests (typically understands approximately 300 words)	Language and Literacy	1
<u>IV.D.2.a</u>	18-24 mo.	Produces phrases of two words including labeling (e.g., “that dog”), action/agent (e.g., “mommy hug”) and object/attribute (e.g., “soup hot”)	Language and Literacy	1
<u>IV.E.1.a</u>	18-24 mo.	Engages in conversations by combining words or signs to indicate needs, wants or ideas, including one- or two-word questions and statements to initiate conversations	Language and Literacy	1
<u>IV.E.2.a</u>	18-24 mo.	Asks and responds to simple questions using one- to two-word phrases, gestures and facial expressions in back-and-forth exchanges with others	Language and Literacy	2
<u>IV.F.1.b</u>	18-24 mo.	Learns that pictures represent real objects, events and ideas (stories)	Language and Literacy	1

<u>2IV.A.1.a</u>	2-3 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers during creative play and in purposeful and novel situations	Language and Literacy	2
<u>IV.A.1.b</u>	2-3 yrs.	Listens to and attends to spoken language and read-aloud texts and responds in ways that signal understanding using simple verbal responses and nonverbal gestures	Language and Literacy	2
<u>IV.A.2.a</u>	2-3 yrs.	Responds to an adult's simple questions about what is being learned	Language and Literacy	2
<u>IV.A.2.b</u>	2-3 yrs.	Participates in simple conversations	Language and Literacy	3
<u>IV.A.3.a</u>	2-3 yrs.	Follows multi-step directions with reminders	Language and Literacy	2
<u>IV.C.1.a</u>	2-3 yrs.	Responds appropriately to almost all adult speech including requests involving multiple steps	Language and Literacy	2
<u>IV.C.1.b</u>	2-3 yrs.	Demonstrates understanding of words across varied topics, including words or lines from books, songs and stories, as well as body parts (typically understands between 500-900 words)	Language and Literacy	2
<u>IV.D.2.a</u>	2-3 yrs.	Produces sentences or phrases of two to three words, including subject/verb/object (e.g., "Juan fell down." "I did it.")	Language and Literacy	2
<u>IV.E.1.a</u>	2-3 yrs.	Engages in conversations using words, signs, two- or three-word phrases, or simple sentences to initiate, continue or extend conversations with others	Language and Literacy	2
<u>IV.E.2.a</u>	2-3 yrs.	Asks and responds to simple questions (e.g., "Who?" "What?" "Where?" "Why?") using gestures and two- or three-word phrases in back-and-forth exchange ²	Language and Literacy	3
<u>IV.F.1.b</u>	2-3 yrs.	Demonstrates that pictures represent real objects, events and ideas (stories)	Language and Literacy	2
<u>IV.F.2.a</u>	2-3 yrs.	Begins to demonstrate appreciation for sounds and patterns in language (e.g., wordplay, listening to nursery rhymes, singing songs with repetitive phrases and sounds)	Language and Literacy	2

<u>IV.F.4.a</u>	2-3 yrs.	Demonstrates comprehension of meaning of text via pointing to pictures, responding to conversations	Language and Literacy	1
<u>IV.A.1.a</u>	3-4 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers in purposeful and novel situations to reach a goal	Language and Literacy	3
<u>IV.A.1.b</u>	3-4 yrs.	Shows understanding by answering factual questions and responding appropriately to what is said	Language and Literacy	3
<u>IV.A.3.a</u>	3-4 yrs.	Achieves mastery of one-step directions and usually follows two-step directions	Language and Literacy	2
<u>IV.C.1.a</u>	3-4 yrs.	Begins to demonstrate understanding of age-appropriate vocabulary across multiple topic areas and demonstrates a variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	2
<u>IV.C.2.a</u>	3-4 yrs.	Adds new words to vocabulary weekly (e.g., repeats words and integrates new words in play scenarios) (typically has a speaking vocabulary of approximately 1,000 words)	Language and Literacy	1
<u>IV.D.2.a</u>	3-4 yrs.	Produces sentences or phrases of two to five words including subject/verb/object (e.g., “Suzy has cookies.” “My shirt's got blue flowers.”)	Language and Literacy	3
<u>IV.E.1.a</u>	3-4 yrs.	Engages in conversations using sentences with four or more words, participates in simple, back-and-forth conversations to exchange ideas or information	Language and Literacy	3
<u>IV.E.2.a</u>	3-4 yrs.	Asks and responds to increasingly longer and more complex sentences and simple questions	Language and Literacy	2
<u>IV.F.1.b</u>	3-4 yrs.	Begins to make real-world connections between stories and real-life experiences	Language and Literacy	2
<u>IV.F.1.e</u>	3-4 yrs.	Participates in conversations that demonstrate appreciation of printed materials	Language and Literacy	2
<u>IV.F.2.a</u>	3-4 yrs.	Listens and matches rhythm, volume and pitch of rhymes, songs and chants	Language and Literacy	2

<u>IV.F.3.a</u>	3-4 yrs.	Recognizes that print conveys meaning	Language and Literacy	2
<u>IV.G.1.a</u>	3-4 yrs.	Uses scribbling, letter-like shapes and drawings to represent thoughts and ideas	Language and Literacy	2
<u>IV.A.1.a</u>	4 yrs.-K	Engages in multiple back-and-forth communicative interactions with adults (e. g., teacher-shared information, read-aloud books) and peers to set goals, follow rules, solve problems and share what is learned with others	Language and Literacy	3
<u>IV.A.1.b</u>	4 yrs.-K	Shows understanding by asking and answering factual, predictive and inferential questions, adding comments relevant to the topic and reacting appropriately to what is said	Language and Literacy	2
<u>IV.A.3.a</u>	4 yrs.-K	Achieves mastery of two-step directions and usually follows three-step directions	Language and Literacy	2
<u>IV.C.1.a</u>	4 yrs.-K	Demonstrates understanding of age-appropriate vocabulary across many topic areas and demonstrates a wide variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	2
<u>IV.C.1.b</u>	4 yrs.-K	Demonstrates understanding of functional and organizational language (e.g., same and different, in front of and behind, next to, opposite, below) in multiple environments	Language and Literacy	2
<u>IV.C.1.c</u>	4 yrs.-K	Understands or knows the meaning of many thousands of words including subject area words (e.g., science, social studies, math and literacy), many more than he or she routinely uses (receptive language)	Language and Literacy	1
<u>IV.C.2.a</u>	4 yrs.-K	Uses a large speaking vocabulary, adding new words weekly (e.g., repeats words and uses them appropriately in context) (typically has a vocabulary of more than 1,500 words)	Language and Literacy	1
<u>IV.C.2.b</u>	4 yrs.-K	Uses a variety of word-meaning relationships (e.g., part-whole, object-function, object-location)	Language and Literacy	2
<u>IV.E.1.a</u>	4 yrs.-K	Engages in conversations with two to three back-and-forth turns using language, gestures, and expressions (e.g., words related to social conventions like “please” and “thank you”)	Language and Literacy	2

<u>IV.E.2.a</u>	4 yrs.-K	Asks and responds to more complex statements and questions, follows another's conversational lead, maintains multi-turn conversations, appropriately introduces new content and appropriately initiates or ends conversations	Language and Literacy	1
<u>IV.F.1.b</u>	4 yrs.-K	Makes real-world connections between stories and real-life experiences	Language and Literacy	3
<u>IV.F.1.e</u>	4 yrs.-K	Initiates and participates in conversations that demonstrate appreciation of printed materials	Language and Literacy	1
<u>IV.F.3.a</u>	4 yrs.-K	Recognizes that print conveys meaning	Language and Literacy	2
<u>IV.G.1.a</u>	4 yrs.-K	Intentionally uses scribbles/writing to convey meaning (e.g., signing artwork, captioning, labeling, creating lists, making notes)	Language and Literacy	1
<u>V.E.1</u>	18-24 mo.	Uses body to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	1
<u>V.E.1</u>	2-3 yrs.	Begins to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	1
<u>V.D.3</u>	3-4 yrs.	Explores three-dimensional shapes in the environment through play	Mathematical Thinking	1
<u>V.E.1</u>	3-4 yrs.	Demonstrates an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	1
<u>V.F.4</u>	3-4 yrs.	Participates in group sorting and data collection	Mathematical Thinking	2
<u>V.D.4</u>	4 yrs.-K	Constructs with three-dimensional shapes in the environment through play (e.g., building castles in the construction area)	Mathematical Thinking	2
<u>V.E.1</u>	4 yrs.-K	Describes relationships between objects and locations with words and gestures by constructing models to demonstrate an understanding of proximity (beside, next to, between, below, over and under)	Mathematical Thinking	2
<u>V.F.4</u>	4 yrs.-K	Represents, analyzes and discusses data (e.g., charts, graphs and tallies)	Mathematical Thinking	2

<u>VII.B.2</u>	18-24 mo.	Recognizes ability to impact surroundings	Social Studies	1
<u>VII.C.2</u>	18-24 mo.	Begins to respond to the needs of others (e.g., peers and family members)	Social Studies	1
<u>VII.F.1</u>	18-24 mo.	Begins to follow simple requests	Social Studies	2
<u>VII.F.2</u>	18-24 mo.	Responds to problems in the environment	Social Studies	1
<u>VII.H.1</u>	18-24 mo.	Begins to recognize there are tools and machines (e.g., spoon for eating, cups and containers used in play, or wagon or cart used in the play area)	Social Studies	1
<u>VII.C.2</u>	2-3 yrs.	Responds to the needs of others (e.g., peers and family members)	Social Studies	1
<u>VII.D.2</u>	2-3 yrs.	Explores own environment	Social Studies	3
<u>VII.D.3</u>	2-3 yrs.	Recognizes basic physical characteristics (e.g., landmarks or land features)	Social Studies	1
<u>VII.D.4</u>	2-3 yrs.	Uses words to describe objects in a familiar space	Social Studies	1
<u>VII.F.1</u>	2-3 yrs.	Begins to recognize expectations in varying settings	Social Studies	1
<u>VII.F.2</u>	2-3 yrs.	Demonstrates emerging problem-solving and decision-making skills	Social Studies	1
<u>VII.F.3</u>	2-3 yrs.	Begins to recognize common symbols in the environment	Social Studies	1
<u>VII.G.2</u>	2-3 yrs.	Shows awareness of occupations	Social Studies	2
<u>VII.A.1</u>	3-4 yrs.	Begins to identify self as a member of a culture	Social Studies	1
<u>VII.A.2</u>	3-4 yrs.	Begins to understand everyone belongs to a culture	Social Studies	1
<u>VII.C.1</u>	3-4 yrs.	Identifies self and others as part of a group	Social Studies	2

<u>VII.C.2</u>	3-4 yrs.	Identifies groups within a community	Social Studies	2
<u>VII.C.3</u>	3-4 yrs.	Begins to demonstrate awareness of group rules (e.g., family, classroom, school and community)	Social Studies	3
<u>VII.D.3</u>	3-4 yrs.	Identifies basic physical characteristics (e.g., landmarks or land features)	Social Studies	2
<u>VII.F.1</u>	3-4 yrs.	Begins to recognize and follow rules and expectations in varying settings	Social Studies	1
<u>VII.F.2</u>	3-4 yrs.	Begins to participate in problem solving and decision making	Social Studies	2
<u>VII.G.2</u>	3-4 yrs.	Recognizes familiar people who perform different occupations	Social Studies	2
<u>VII.H.1</u>	3-4 yrs.	Uses technology as a tool when appropriate (e.g., writing utensils, electronic toys, DVD, music players, digital cameras, computers or tablets)	Social Studies	1
<u>VII.A.1</u>	4 yrs.-K	Identifies self as a member of a culture	Social Studies	1
<u>VII.A.2</u>	4 yrs.-K	Understands everyone belongs to a culture	Social Studies	1
<u>VII.A.4</u>	4 yrs.-K	Explores cultural attributes by comparing and contrasting different characteristics (e.g., language, literature, music, arts, artifacts, foods, architecture and celebrations)	Social Studies	1
<u>VII.B.3</u>	4 yrs.-K	Recognizes individual responsibility as a member of a group (e.g., classroom or family)	Social Studies	1
<u>VII.C.2</u>	4 yrs.-K	Explains the role of groups within a community	Social Studies	1
<u>VII.C.3</u>	4 yrs.-K	Demonstrates awareness of group rules (e.g., family, classroom, school or community)	Social Studies	3
<u>VII.D.3</u>	4 yrs.-K	Identifies differences and similarities of basic physical characteristics (e.g., landmarks or land features)	Social Studies	2
<u>VII.D.6</u>	4 yrs.-K	Begins to identify the relationship between human decisions and the impact on the environment (e.g., recycling and water conservation)	Social Studies	3

VII.F.1	4 yrs.-K	Recognizes and follows rules and expectations in varying settings	Social Studies	2
VII.F.2	4 yrs.-K	Participates in problem solving and decision making	Social Studies	2
VII.F.3	4 yrs.-K	Begins to explore basic principles of democracy (e.g., deciding rules in a classroom, respecting opinions of others, voting on classroom activities or civic responsibilities)	Social Studies	1

Three Cheers for Trees

Activity 12/ Meeting Neighborhood Trees

Standard Code	Age/Grade	Standard/Benchmark	Subject	Level of Activity
VI.A.1.b	18-24 mo.	Explores the nature of sensory materials and experiences (e.g., different textures, sounds, tastes and wind)	Scientific Inquiry	3
VI.A.2.a	18-24 mo.	Recognizes and uses simple tools as props through play (e.g., spoons or brushes)	Scientific Inquiry	3
VI.A.3.a	18-24 mo.	Begins to combine simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	2
VI.B.1.a	18-24 mo.	Explores, interacts with and identifies some plants and animals	Scientific Inquiry	2
VI.C.1.d	18-24 mo.	Explores solids and liquids to gain knowledge about them (e.g., food, water play, finger painting)	Scientific Inquiry	2
VI.D.1.e	18-24 mo.	Uses emerging vocabulary to describe basic weather	Scientific Inquiry	1
VI.E.1.a	18-24 mo.	Identifies familiar people and objects in the environment	Scientific Inquiry	2
VI.F.1.a	18-24 mo.	Uses simple tools to explore	Scientific Inquiry	2
VI.A.1.b	2-3 yrs.	Begins to use senses to observe and experience the environment	Scientific Inquiry	3
VI.A.1.c	2-3 yrs.	Begins to identify objects and features of the world (e.g., bird call, thunder, wind and fire truck)	Scientific Inquiry	2

<u>VI.A.2.a</u>	2-3 yrs.	Begins to use simple tools to explore and observe (e.g., magnifiers, spoons)	Scientific Inquiry	2
<u>VI.A.3.a</u>	2-3 yrs.	Combines simple actions to cause things to happen or change how they interact with objects and people	Scientific Inquiry	2
<u>VI.B.1.a</u>	2-3 yrs.	Explores, interacts with and identifies a growing number and variety of plants and animals	Scientific Inquiry	2
<u>VI.B.1.b</u>	2-3 yrs.	Begins to explore how plants and animals grow and change (e.g., baby chicks grow to be chickens and puppies grow to be dogs)	Scientific Inquiry	1
<u>VI.C.1.c</u>	2-3 yrs.	Begins to describe, compare, sort and classify objects based on observable physical characteristics (e.g., color, sound, weight)	Scientific Inquiry	2
<u>VI.C.1.d</u>	2-3 yrs.	Begins to use words to describe basic physical properties and states of matter of objects (e.g., wet/dry, hard/soft, warm/cold, firm/squishy)	Scientific Inquiry	1
<u>VI.D.1.e</u>	2-3 yrs.	Observes and discusses weather	Scientific Inquiry	1
<u>VI.E.1.a</u>	2-3 yrs.	Begins to describe familiar people and objects in the environment	Scientific Inquiry	3
<u>VI.E.1.b</u>	2-3 yrs.	Begins to participate in activities to protect the environment	Scientific Inquiry	1
<u>VI.F.1.a</u>	2-3 yrs.	Uses props to represent simple tools through play	Scientific Inquiry	2
<u>VI.A.1.b</u>	3-4 yrs.	Uses senses to observe and experience objects and environment	Scientific Inquiry	2
<u>VI.A.2.a</u>	3-4 yrs.	Demonstrates the use of simple tools and equipment for observing and investigating (e.g., droppers, blocks, bug catchers)	Scientific Inquiry	1
<u>VI.A.3.c</u>	3-4 yrs.	Represents ideas and observations through drawings or using other forms of representation (e.g., manipulatives or different objects)	Scientific Inquiry	2
<u>VI.B.1.b</u>	3-4 yrs.	Begins to notice the similarities and differences among various living things	Scientific Inquiry	2
<u>VI.B.1.c</u>	3-4 yrs.	Explores basic life cycles (e.g., plants grow from seeds and hatching eggs)	Scientific Inquiry	2

<u>VI.B.1.e</u>	3-4 yrs.	Explores basic life cycles (e.g., plants grow from seeds and hatching eggs)	Scientific Inquiry	2
<u>VI.E.1.a</u>	3-4 yrs.	Describes familiar people and objects in the environment	Scientific Inquiry	3
<u>VI.E.1.b</u>	3-4 yrs.	Participates in activities to protect the environment	Scientific Inquiry	2
<u>VI.A.1.b</u>	4 yrs.-K	Begins to identify and make observations about what can be learned about the world using each of the five senses	Scientific Inquiry	2
<u>VI.A.2.a</u>	4 yrs.-K	Uses tools and various technologies to support exploration and inquiry (e.g., digital cameras, scales)	Scientific Inquiry	1
<u>VI.A.3.c</u>	4 yrs.-K	Begins to form conclusions and construct explanations (e.g., What do the results mean?)	Scientific Inquiry	1
<u>VI.B.1.b</u>	4 yrs.-K	Notices the similarities and differences among various living things	Scientific Inquiry	2
<u>VI.B.1.c</u>	4 yrs.-K	Understands that all living things grow, change and go through life cycles	Scientific Inquiry	2
<u>VI.B.1.e</u>	4 yrs.-K	Observes that living things differ with regard to their needs and habitats	Scientific Inquiry	2
<u>VI.E.1.a</u>	4 yrs.-K	Demonstrates how people use objects and natural resources in the environment	Scientific Inquiry	2
<u>VI.E.1.c</u>	4 yrs.-K	Identifies examples of organized efforts to protect the environment (e.g., recycling materials in the classroom)	Scientific Inquiry	2
<u>IV.A.1.a</u>	18-24 mo.	Engages in multiple back-and-forth communicative interactions with adults in purposeful and novel situations and responds to questions, requests and new information	Language and Literacy	2
<u>IV.A.1.b</u>	18-24 mo.	Responds appropriately to simple requests	Language and Literacy	3
<u>IV.A.1.c</u>	18-24 mo.	Uses nonverbal gestures to respond to adult's language and oral reading	Language and Literacy	3

<u>IV.A.2.a</u>	18-24 mo.	Responds verbally and nonverbally to spoken language	Language and Literacy	3
<u>IV.A.2.b</u>	18-24 mo.	Begins to participate in simple conversations	Language and Literacy	3
<u>IV.A.2.c</u>	18-24 mo.	Responds to language during conversations, songs, stories or other experiences	Language and Literacy	3
<u>IV.A.3.a</u>	18-24 mo.	Follows simple one-step directions with scaffolding	Language and Literacy	3
<u>IV.C.1.b</u>	18-24 mo.	Responds to requests (typically understands approximately 300 words)	Language and Literacy	2
<u>IV.C.2.a</u>	18-24 mo.	Uses a number of different words and begins using two or more words together	Language and Literacy	2
<u>IV.D.2.a</u>	18-24 mo.	Produces phrases of two words including labeling (e.g., “that dog”), action/agent (e.g., “mommy hug”) and object/attribute (e.g., “soup hot”)	Language and Literacy	2
<u>IV.E.1.a</u>	18-24 mo.	Engages in conversations by combining words or signs to indicate needs, wants or ideas, including one- or two-word questions and statements to initiate conversations	Language and Literacy	2
<u>IV.E.2.a</u>	18-24 mo.	Asks and responds to simple questions using one- to two-word phrases, gestures and facial expressions in back-and-forth exchanges with others	Language and Literacy	2
<u>IV.F.1.b</u>	18-24 mo.	Learns that pictures represent real objects, events and ideas (stories)	Language and Literacy	2
<u>IV.A.1.a</u>	2-3 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers during creative play and in purposeful and novel situations	Language and Literacy	2
<u>IV.A.1.b</u>	2-3 yrs.	Listens to and attends to spoken language and read-aloud texts and responds in ways that signal understanding using simple verbal responses and nonverbal gestures	Language and Literacy	3
<u>IV.A.2.a</u>	2-3 yrs.	Responds to an adult's simple questions about what is being learned	Language and Literacy	2

<u>IV.A.2.b</u>	2-3 yrs.	Participates in simple conversations	Language and Literacy	3
<u>IV.A.2.c</u>	2-3 yrs.	Identifies specific sounds, such as animal sounds and environmental sounds	Language and Literacy	2
<u>IV.A.3.a</u>	2-3 yrs.	Follows multi-step directions with reminders	Language and Literacy	3
<u>IV.C.1.a</u>	2-3 yrs.	Responds appropriately to almost all adult speech including requests involving multiple steps	Language and Literacy	2
<u>IV.C.1.b</u>	2-3 yrs.	Demonstrates understanding of words across varied topics, including words or lines from books, songs and stories, as well as body parts (typically understands between 500-900 words)	Language and Literacy	2
<u>IV.D.2.a</u>	2-3 yrs.	Produces sentences or phrases of two to three words, including subject/verb/object (e.g., “Juan fell down.” “I did it.”)	Language and Literacy	3
<u>IV.E.1.a</u>	2-3 yrs.	Engages in conversations using words, signs, two- or three-word phrases, or simple sentences to initiate, continue or extend conversations with others	Language and Literacy	2
<u>IV.E.2.a</u>	2-3 yrs.	Asks and responds to simple questions (e.g., “Who?” “What?” “Where?” “Why?”) using gestures and two- or three-word phrases in back-and-forth exchange ²	Language and Literacy	3
<u>IV.F.1.b</u>	2-3 yrs.	Demonstrates that pictures represent real objects, events and ideas (stories)	Language and Literacy	3
<u>IV.F.2.a</u>	2-3 yrs.	Begins to demonstrate appreciation for sounds and patterns in language (e.g., wordplay, listening to nursery rhymes, singing songs with repetitive phrases and sounds)	Language and Literacy	1
<u>IV.F.3.a</u>	2-3 yrs.	Begins to recognize that print and other symbols convey meaning (e.g., common signs, lists, nametags, labels)	Language and Literacy	2
<u>IV.F.4.a</u>	2-3 yrs.	Demonstrates comprehension of meaning of text via pointing to pictures, responding to conversations	Language and Literacy	2
<u>IV.G.1.a</u>	2-3 yrs.	Begins to use scribbles, marks and drawings to represent thoughts and ideas	Language and Literacy	2

<u>IV.A.1.a</u>	3-4 yrs.	Engages in multiple back-and-forth communicative interactions with adults and peers in purposeful and novel situations to reach a goal	Language and Literacy	2
<u>IV.A.1.b</u>	3-4 yrs.	Shows understanding by answering factual questions and responding appropriately to what is said	Language and Literacy	3
<u>IV.A.2.a</u>	3-4 yrs.	Tells the main idea or topic of a conversation, story, informational text or creative play, and makes a connection	Language and Literacy	3
<u>IV.A.2.b</u>	3-4 yrs.	Observes simple aspects of child’s world and responds and reacts	Language and Literacy	2
<u>IV.A.3.a</u>	3-4 yrs.	Achieves mastery of one-step directions and usually follows two-step directions	Language and Literacy	2
<u>IV.C.1.a</u>	3-4 yrs.	Begins to demonstrate understanding of age-appropriate vocabulary across multiple topic areas and demonstrates a variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	3
<u>IV.C.2.b</u>	3-4 yrs.	Describes what objects are used for and is able to express ideas (e.g., names some colors, shapes, and says full name)	Language and Literacy	3
<u>IV.D.2.a</u>	3-4 yrs.	Produces sentences or phrases of two to five words including subject/verb/object (e.g., “Suzy has cookies.” “My shirt’s got blue flowers.”)	Language and Literacy	2
<u>IV.D.2.b</u>	3-4 yrs.	Asks more complex questions beginning with “is” (e.g., “Is David here?” “What was for lunch?”)	Language and Literacy	1
<u>IV.E.1.a</u>	3-4 yrs.	Engages in conversations using sentences with four or more words, participates in simple, back-and-forth conversations to exchange ideas or information	Language and Literacy	1
<u>IV.E.2.a</u>	3-4 yrs.	Asks and responds to increasingly longer and more complex sentences and simple questions	Language and Literacy	1
<u>IV.F.1.b</u>	3-4 yrs.	Begins to make real-world connections between stories and real-life experiences	Language and Literacy	3
<u>IV.F.2.a</u>	3-4 yrs.	Listens and matches rhythm, volume and pitch of rhymes, songs and chants	Language and Literacy	3

<u>IV.F.3.a</u>	3-4 yrs.	Recognizes that print conveys meaning	Language and Literacy	2
<u>IV.F.4.a</u>	3-4 rs.	Retells or reenacts parts of a story after it is read aloud	Language and Literacy	3
<u>IV.A.1.a</u>	4 yrs.-K	Engages in multiple back-and-forth communicative interactions with adults (e. g., teacher-shared information, read-aloud books) and peers to set goals, follow rules, solve problems and share what is learned with others	Language and Literacy	2
<u>IV.A.1.b</u>	4 yrs.-K	Shows understanding by asking and answering factual, predictive and inferential questions, adding comments relevant to the topic and reacting appropriately to what is said	Language and Literacy	3
<u>IV.A.2.a</u>	4 yrs.-K	Identifies the main idea, some details of a conversation, story or informational text and can explicitly connect what is being learned to own existing knowledge	Language and Literacy	3
<u>IV.A.2.b</u>	4 yrs.-K	Demonstrates increased ability to focus and sustain attention, set goals and solve dilemmas presented in conversation, story, informational text or creative play	Language and Literacy	2
<u>IV.A.3.a</u>	4 yrs.-K	Achieves mastery of two-step directions and usually follows three-step directions	Language and Literacy	2
<u>IV.C.1.a</u>	4 yrs.-K	Demonstrates understanding of age-appropriate vocabulary across many topic areas and demonstrates a wide variety of words and their meanings within each area (e.g., world knowledge, names of body parts and feelings)	Language and Literacy	3
<u>IV.C.2.b</u>	4 yrs.-K	Uses a variety of word-meaning relationships (e.g., part-whole, object-function, object-location)	Language and Literacy	3
<u>IV.D.2.a</u>	4 yrs.-K	Typically uses complete sentences of five or more words, usually with subject, verb and object order	Language and Literacy	2
<u>IV.E.1.a</u>	4 yrs.-K	Engages in conversations with two to three back-and-forth turns using language, gestures, and expressions (e.g., words related to social conventions like “please” and “thank you”)	Language and Literacy	1

<u>IV.E.2.a</u>	4 yrs.-K	Asks and responds to more complex statements and questions, follows another’s conversational lead, maintains multi-turn conversations, appropriately introduces new content and appropriately initiates or ends conversations	Language and Literacy	1
<u>IV.F.1.b</u>	4 yrs.-K	Makes real-world connections between stories and real-life experiences	Language and Literacy	3
<u>IV.F.3.a</u>	4 yrs.-K	Recognizes that print conveys meaning	Language and Literacy	2
<u>IV.F.4.a</u>	4 yrs.-K	Retells or reenacts story with increasing accuracy and complexity after it is read aloud	Language and Literacy	3
<u>IV.F.4.b</u>	4 yrs.-K	Asks and answers appropriate questions about the story (e.g., “What just happened?” “What might happen next?” “What would happen if...?” “What was so silly about...?” “How would you feel if you...?”)	Language and Literacy	3
<u>V.A.2</u>	18-24 mo.	Begins to count groups of one and two objects in daily routine	Mathematical Thinking	1
<u>V.D.2</u>	18-24 mo.	Begins to sort familiar objects into two groups based on size	Mathematical Thinking	1
<u>V.E.1</u>	18-24 mo.	Uses body to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	2
<u>V.A.2</u>	2-3 yrs.	Begins to count groups of one to five objects in daily routine	Mathematical Thinking	2
<u>V.E.1</u>	2-3 yrs.	Begins to demonstrate an understanding of basic spatial directions through songs, finger plays and games	Mathematical Thinking	2
<u>V.F.2</u>	2-3 yrs.	Compares sets of objects by one attribute (e.g., sort by size)	Mathematical Thinking	1
<u>V.F.4</u>	3-4 yrs.	Participates in group sorting and data collection	Mathematical Thinking	2
<u>VII.F.1</u>	18-24 mo.	Begins to follow simple requests	Social Studies	2

<u>VII.F.2</u>	18-24 mo.	Responds to problems in the environment	Social Studies	1
<u>VII.F.3</u>	18-24 mo.	Shows more complex responses to people and objects	Social Studies	1
<u>VII.H.1</u>	18-24 mo.	Begins to recognize there are tools and machines (e.g., spoon for eating, cups and containers used in play, or wagon or cart used in the play area)	Social Studies	1
<u>VII.D.2</u>	2-3 yrs.	Explores own environment	Social Studies	3
<u>VII.G.2</u>	2-3 yrs.	Shows awareness of occupations	Social Studies	2
<u>VII.D.1</u>	3-4 yrs.	Recognizes the relationship of personal space to surroundings	Social Studies	1
<u>VII.D.2</u>	3-4 yrs.	Identifies own environment and other locations	Social Studies	2
<u>VII.D.3</u>	3-4 yrs.	Identifies basic physical characteristics (e.g., landmarks or land features)	Social Studies	2
<u>VII.E.2</u>	3-4 yrs.	Explores changes that take place over time in the immediate environment	Social Studies	3
<u>VII.F.2</u>	3-4 yrs.	Begins to participate in problem solving and decision making	Social Studies	2
<u>VII.G.2</u>	3-4 yrs.	Recognizes familiar people who perform different occupations	Social Studies	1
<u>VII.A.4</u>	4 yrs.-K	Explores cultural attributes by comparing and contrasting different characteristics (e.g., language, literature, music, arts, artifacts, foods, architecture and celebrations)	Social Studies	2
<u>VII.D.1</u>	4 yrs.-K	Identifies the relationship of personal space to surroundings	Social Studies	1
<u>VII.D.2</u>	4 yrs.-K	Identifies differences and similarities between own environment and other locations	Social Studies	2
<u>VII.D.3</u>	4 yrs.-K	Identifies differences and similarities of basic physical characteristics (e.g., landmarks or land features)	Social Studies	2

<u>VII.D.6</u>	4 yrs.-K	Begins to identify the relationship between human decisions and the impact on the environment (e.g., recycling and water conservation)	Social Studies	2
<u>VII.E.2.</u>	4 yrs.-K	Observes and recognizes changes that take place over time in the immediate environment	Social Studies	3
<u>VII.F.2</u>	4 yrs.-K	Participates in problem solving and decision making	Social Studies	2