

The Vine Assessment System™

by LifeCubby

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

For Early Childhood Professionals and the Families that they Serve

Alignment Document for:
**Minnesota's Early Childhood
Indicators of Progress:
Early Learning Standards**



References



Minnesota Department of Education and the Minnesota Department of Human Services. (2005). *Early childhood indicators of progress: Minnesota's early learning standards*. St. Paul, MN: Author. Retrieved from <http://education.state.mn.us/MDE/dse/early/>

Minnesota's Early Childhood Indicators of Progress: Early Learning Standards (2005)	The Vine Assessment System by LifeCubby
Domain: Social and Emotional Development	
Component: Emotional Development	Vine Indicators
1. Demonstrate increasing competency in recognizing and describing own emotions	<p>SED 3-1 Expresses Emotion <u>3-Year Old:</u> Displays a range of emotions; can say how he/she is feeling (e.g., glad, sad, or mad); explores emotions through play, art, music, dance <u>Pre-K:</u> Expresses a range of emotions; says how he/she is feeling and why; identifies emotions in photos (e.g., happy, sad, or confused)</p>
2. Demonstrate increasing use of words instead of actions to express emotions	<p>LC 7-2 Develops Expressive Communication <u>3-Year Old:</u> Expresses needs, wants, and ideas verbally and nonverbally (is exposed to sign language); is progressing to verbal cues in English or home language; is able to convey 2-3 pieces of information on a single topic <u>Pre-K:</u> Asks questions and communicates information using increasing detail and more complex words; uses multiple clauses in sentences (e.g., if/then, what/then); connects phrases and sentences to build ideas</p>
3. Begin to understand and respond to others' emotions	<p>SED 6-1 Builds Empathy <u>3-Year Old:</u> Recognizes the feelings of others; asks an adult for help when another child is in distress <u>Pre-K:</u> Shares in the joy of others; expresses sadness when another adult or child is sad</p>
4. Begin to show self-regulation to handle emotions appropriately	<p>SED 3-2 Manages Feelings & Demonstrates Self-Control <u>3-Year Old:</u> Able to cope with frustration (may need adult assistance with intense situations); is learning to control impulsive behaviors and outbursts; takes turns, such as in games <u>Pre-K:</u> Has methods for coping with intense feelings (getting a comfort item; using words; counting to 5); seeks adult assistance in intense situations; is learning to control impulses and emotions; is able to wait turn</p>
5. Explore a wide range of emotions in different ways (e.g., through play, art, music, dance)	<p>CCA 21-1 Explores Art Media <u>3-Year Old:</u> Uses a variety of art materials and media to convey an idea; creates something different from what other children create <u>Pre-K:</u> Uses a variety of art materials independently to create original artwork; appreciates artistic creations of others and art events; shares opinions, likes, and dislikes</p>
	<p>CCA 21-2 Explores Music <u>3-Year Old:</u> Joins in class exploration of musical instruments; knows and sings songs; uses music across learning domains; explores with sound, melody, tone, rhythm, beat <u>Pre-K:</u> Joins in class exploration of musical instruments; knows some musical concepts such as volume, speed, melody, tone, rhythm, notes, etc.</p>
	<p>CCA 21-3 Explores Movement and Dance <u>3-Year Old:</u> Participates in dance or creative movement activities <u>Pre-K:</u> Begins to show individual expression in creative movement activities</p>
6. Respond to praise, limits, and correction	<p>SED 3-2 Manages Feelings & Demonstrates Self-Control <u>3-Year Old:</u> Able to cope with frustration (may need adult assistance with intense situations); is learning to control impulsive behaviors and outbursts; takes turns, such as in games <u>Pre-K:</u> Has methods for coping with intense feelings (getting a comfort item; using words; counting to 5); seeks adult assistance in intense situations; is learning to control impulses and emotions; is able to wait turn</p>

Component: Self-Concept	
1. Begin to experiment with own potential and show confidence in own abilities	SED 4-2 Becomes Confident <u>3-Year Old:</u> Is pleased to complete daily routines and learn new skills <u>Pre-K:</u> Shows pride in accomplishments; develops positive self-image: awareness of self as having certain abilities, preferences, characteristics
2. Demonstrate increasing self-direction and independence	SED 4-2 Becomes Confident <u>3-Year Old:</u> Is pleased to complete daily routines and learn new skills <u>Pre-K:</u> Shows pride in accomplishments; develops positive self-image: awareness of self as having certain abilities, preferences, characteristics
3. Develop an awareness of self as having certain abilities, characteristics, and preferences	SED 4-1 Develops Awareness of Self <u>3-Year Old:</u> Describes own physical characteristics, likes and dislikes; communicates feelings about family and community; draws pictures of family <u>Pre-K:</u> Recognizes similarities and differences between self and others (e.g., gender, physical characteristics, likes/dislikes); identifies self as part of a group, (e.g., family, community, culture, faith, class)
4. Begin to develop awareness, knowledge, and acceptance of own gender and cultural identity	SED 4-1 Develops Awareness of Self <u>3-Year Old:</u> Describes own physical characteristics, likes and dislikes; communicates feelings about family and community; draws pictures of family <u>Pre-K:</u> Recognizes similarities and differences between self and others (e.g., gender, physical characteristics, likes/dislikes); identifies self as part of a group, (e.g., family, community, culture, faith, class)
Component: Social Competence and Relationships	
1. Interact easily with one or more children	SED 6-2 Bonds with Peers <u>3-Year Old:</u> Interacts positively with other children in the group; begins to make friends; may have a favorite friend <u>Pre-K:</u> Shows affection for friends; may have a favorite friend; knows some likes or dislikes of peers; participates in group song, dance, acting/role-play
2. Interact easily with familiar adults	SED 5-1 Bonds with Adults <u>3-Year Old:</u> Engages in positive relationships with adults; initiates conversation with familiar adults; seeks adult assistance to solve problems <u>Pre-K:</u> Establishes secure relationships with adults; offers to help adult with a task; seeks guidance from trusted adults
3. Approach others with expectations of positive interactions	SED 6-2 Bonds with Peers <u>3-Year Old:</u> Interacts positively with other children in the group; begins to make friends; may have a favorite friend <u>Pre-K:</u> Shows affection for friends; may have a favorite friend; knows some likes or dislikes of peers; participates in group song, dance, acting/role-play
4. Begin to participate successfully as a member of a group	SED 6-3 Cooperates with Peers <u>3-Year Old:</u> Cooperates with other children in play and daily activities and routines; may attempt a compromise to resolve conflict; is beginning to role-play in games; is learning to take turns <u>Pre-K:</u> Engages in play that requires cooperation with other children, including games with rules; recognizes negative behaviors in self, others or stories; is able to compromise in a group setting to resolve conflict; uses constructive language
5. Use play to explore, practice, and understand social roles and relationships	SED 6-3 Cooperates with Peers <u>3-Year Old:</u> Cooperates with other children in play and daily activities and routines; may attempt a compromise to resolve conflict; is beginning to role-play in games; is learning to take turns <u>Pre-K:</u> Engages in play that requires cooperation with other children, including games with rules; recognizes negative behaviors in self, others or

	stories; is able to compromise in a group setting to resolve conflict; uses constructive language
6. Begin to understand others' rights and privileges	SED 6-1 Builds Empathy <u>3-Year Old:</u> Recognizes the feelings of others; asks an adult for help when another child is in distress <u>Pre-K:</u> Shares in the joy of others; expresses sadness when another adult or child is sad
7. Sustain interaction by cooperating, helping, sharing, and expressing interest	SED 6-3 Cooperates with Peers <u>3-Year Old:</u> Cooperates with other children in play and daily activities and routines; may attempt a compromise to resolve conflict; is beginning to role-play in games; is learning to take turns <u>Pre-K:</u> Engages in play that requires cooperation with other children, including games with rules; recognizes negative behaviors in self, others or stories; is able to compromise in a group setting to resolve conflict; uses constructive language
8. Seek adult help when needed for emotional support, physical assistance, social interaction, and approval	SED 5-1 Bonds with Adults <u>3-Year Old:</u> Engages in positive relationships with adults; initiates conversation with familiar adults; seeks adult assistance to solve problems <u>Pre-K:</u> Establishes secure relationships with adults; offers to help adult with a task; seeks guidance from trusted adults
	SED 5-2 Learns from Adults <u>3-Year Old:</u> Imitates behaviors demonstrated by familiar adults; may say words or phrases often said by familiar adults <u>Pre-K:</u> Mirrors adult behavior in daily routines; seeks help or information when needed from adults
9. Use words and other constructive strategies to resolve conflicts	SED 6-3 Cooperates with Peers <u>3-Year Old:</u> Cooperates with other children in play and daily activities and routines; may attempt a compromise to resolve conflict; is beginning to role-play in games; is learning to take turns <u>Pre-K:</u> Engages in play that requires cooperation with other children, including games with rules; recognizes negative behaviors in self, others or stories; is able to compromise in a group setting to resolve conflict; uses constructive language

Domain: Approaches to Learning	
Component: Curiosity	Vine Indicators
1. Show eagerness and a sense of wonder as a learner	ATL 1-4 Is Curious <u>3-Year Old:</u> Shows interest in new toys or experiences; asks questions about new opportunities <u>Pre-K:</u> Shows interest in new experiences; demonstrates eagerness to learn
2. Show interest in discovering and learning new things	ATL 1-4 Is Curious <u>3-Year Old:</u> Shows interest in new toys or experiences; asks questions about new opportunities <u>Pre-K:</u> Shows interest in new experiences; demonstrates eagerness to learn
Component: Risk-Taking	
1. Choose new as well as a variety of familiar activities	ATL 1-5 Shows Initiative <u>3-Year Old:</u> Enjoys new experiences; works independently for brief periods of time without adult prompting <u>Pre-K:</u> Makes and conveys choices to friends and teachers
	ATL 1-6 Thinks with Creativity & Flexibility

2. Use a variety of strategies to solve problems	<p><u>3-Year Old:</u> Accepts changes in routines or usual activities; accepts a twist or change in rules of a typical game; applies knowledge to a new situation <u>Pre-K:</u> Able to transition thinking and behavior, such as during group play in response to a friend's suggestion or idea; generates creative ideas, suggestions</p> <p>CS 14-1 Solves Problems <u>3-Year Old:</u> Explores objects in the classroom to conduct experiments (e.g., testing objects in the water table to see if they will sink or float) <u>Pre-K:</u> Uses creative solutions to reach goals; experiments with objects such as puzzles or blocks to build structures to solve problems</p>
Component: Imagination and Invention	
1. Approach tasks and experiences with flexibility, imagination, and inventiveness	<p>ATL 1-6 Thinks with Creativity & Flexibility <u>3-Year Old:</u> Accepts changes in routines or usual activities; accepts a twist or change in rules of a typical game; applies knowledge to a new situation <u>Pre-K:</u> Able to transition thinking and behavior, such as during group play in response to a friend's suggestion or idea; generates creative ideas, suggestions</p>
2. Use new ways or novel strategies to solve problems or explore objects	<p>ATL 1-6 Thinks with Creativity & Flexibility <u>3-Year Old:</u> Accepts changes in routines or usual activities; accepts a twist or change in rules of a typical game; applies knowledge to a new situation <u>Pre-K:</u> Able to transition thinking and behavior, such as during group play in response to a friend's suggestion or idea; generates creative ideas, suggestions</p>
3. Try out various pretend roles in play or with make-believe objects	<p>CCA 21-4 Participates in Dramatic Play <u>3-Year Old:</u> Engages in more elaborate pretend play with friends using props and/or dress-up clothes; learns about social roles and relationships through role-play <u>Pre-K:</u> Learns about social roles and relationships through role-play; expands ideas in creative ways; communicates creative ideas to friends and teachers</p>
Component: Persistence	
Work at a task despite distractions or interruptions	<p>ATL 1-3 Is Persistent <u>3-Year Old:</u> Continues efforts to finish a challenging activity or task, even when frustrated, with or without adult support <u>Pre-K:</u> Completes reasonable tasks despite frustration, either by persisting independently or seeking help from a friend or adult</p>
Seek and/or accept help or information when needed	<p>ATL 1-3 Is Persistent <u>3-Year Old:</u> Continues efforts to finish a challenging activity or task, even when frustrated, with or without adult support <u>Pre-K:</u> Completes reasonable tasks despite frustration, either by persisting independently or seeking help from a friend or adult</p>
Demonstrate ability to complete a task or stay engaged in an experience	<p>ATL 1-3 Is Persistent <u>3-Year Old:</u> Continues efforts to finish a challenging activity or task, even when frustrated, with or without adult support <u>Pre-K:</u> Completes reasonable tasks despite frustration, either by persisting independently or seeking help from a friend or adult</p>
Component: Reflection and Interpretation	
Think about events and experiences and apply this knowledge to new situations	<p>CS 14-4 Draws Conclusions and Sorts Results <u>3-Year Old:</u> Is able to draw conclusions about experiments (e.g., since the wood block floated, other wood blocks will float)</p>

	<u>Pre-K:</u> Can explain the results of an experiment and plan next steps; can sort experiment results into groups (e.g., works/doesn't work, sinks/floats); uses "if/then" and "cause/effect" reasoning, with or without adult help
Generate ideas, suggestions, and/or make predictions	CS 14-2 Makes Predictions <u>3-Year Old:</u> Makes simple predictions about what will happen next, such as during activities or when hearing a story <u>Pre-K:</u> Able to make and test predictions (e.g., what color will we get if we mix the yellow dye and the blue dye?)

Domain: Language and Literacy Development	
Component: Listening	Vine Indicators
1. Understand non-verbal and verbal cues	LC 7-1 Develops Receptive Communication <u>3-Year Old:</u> Follows adult directives; begins to follow 2-3 step instructions; understands verbal and nonverbal cues <u>Pre-K:</u> Follows class rules and routines; can follow multi-step directions of increasing complexity; listens to stories, directions, and conversations
2. Listen with understanding to stories, directions, and conversations	LC 7-1 Develops Receptive Communication <u>3-Year Old:</u> Follows adult directives; begins to follow 2-3 step instructions; understands verbal and nonverbal cues <u>Pre-K:</u> Follows class rules and routines; can follow multi-step directions of increasing complexity; listens to stories, directions, and conversations
3. Follow directions that involve a two or three-step sequence of actions	LC 7-1 Develops Receptive Communication <u>3-Year Old:</u> Follows adult directives; begins to follow 2-3 step instructions; understands verbal and nonverbal cues <u>Pre-K:</u> Follows class rules and routines; can follow multi-step directions of increasing complexity; listens to stories, directions, and conversations
4. Listen to and recognize different sounds in rhymes and familiar words	LC 7-1 Develops Receptive Communication <u>3-Year Old:</u> Follows adult directives; begins to follow 2-3 step instructions; understands verbal and nonverbal cues <u>Pre-K:</u> Follows class rules and routines; can follow multi-step directions of increasing complexity; listens to stories, directions, and conversations
	LC 7-3 Develops Phonemic Awareness <u>3-Year Old:</u> Can say rhymes; can give a rhyming word when prompted <u>Pre-K:</u> Can "clap" syllables in words; recognizes words that rhyme, associates sounds with letters and words; recognizes alliteration (words that start with the same sound)
Component: Speaking	
1. Communicate needs, wants, or thoughts through non-verbal gestures, actions, expressions, and/or words	LC 7-2 Develops Expressive Communication <u>3-Year Old:</u> Expresses needs, wants, and ideas verbally and nonverbally (is exposed to sign language); is progressing to verbal cues in English or home language; is able to convey 2-3 pieces of information on a single topic <u>Pre-K:</u> Asks questions and communicates information using increasing detail and more complex words; uses multiple clauses in sentences (e.g., if/then, what/then); connects phrases and sentences to build ideas
2. Communicate information using home language and/or English	LC 7-2 Develops Expressive Communication <u>3-Year Old:</u> Expresses needs, wants, and ideas verbally and nonverbally (is exposed to sign language); is progressing to verbal cues in English or home language; is able to convey 2-3 pieces of information on a single topic

	<u>Pre-K:</u> Asks questions and communicates information using increasing detail and more complex words; uses multiple clauses in sentences (e.g., if/then, what/then); connects phrases and sentences to build ideas
3. Speak clearly enough to be understood in home language and/or English	LC 7-5 Expands Grammar and Pronunciation <u>3-Year Old:</u> Can rhyme words (i.e., cat, sat); uses verbs in correct tense (e.g., she <u>walks</u> vs. she <u>walked</u>); may overcorrect grammar (e.g. “goed,” “mouses,” etc.) <u>Pre-K:</u> Speaks with proper pronunciation; can be understood by adults and peers; speaks in sentences using grammar that is age-appropriate
4. Use language for a variety of purposes	LC 7-2 Develops Expressive Communication <u>3-Year Old:</u> Expresses needs, wants, and ideas verbally and nonverbally (is exposed to sign language); is progressing to verbal cues in English or home language; is able to convey 2-3 pieces of information on a single topic <u>Pre-K:</u> Asks questions and communicates information using increasing detail and more complex words; uses multiple clauses in sentences (e.g., if/then, what/then); connects phrases and sentences to build ideas
5. Use increasingly complex and varied vocabulary and language	LC 7-4 Expands Vocabulary <u>3-Year Old:</u> Correctly names common objects used in the classroom, such as colors, shapes, animals in photos, etc.; shows continuous growth in number of words or signs used in conversation with others; asks meanings of words <u>Pre-K:</u> Asks questions about new words; uses new words on a regular basis; shows growth in number of words or signs used in conversation with others; asks meanings of words; understands that some words mean the same thing and some words are opposites (e.g., house/home and big/little)
6. Initiate, ask questions, and respond in conversation with others	LC 7-6 Learns Conversation Structure <u>3-Year Old:</u> Asks questions about events that happen; shares opinions; participates in a conversation lasting 2 to 3 back-and-forths; takes turns talking; makes eye contact <u>Pre-K:</u> Participates in multi-turn conversations with friends and adults; mirrors tone, volume and tense; uses verbal and nonverbal conversational rules (e.g., takes turns, eye contact, loud and soft voice as appropriate, etc.); connects phrases and sentences to build ideas
Component: Emergent Reading	
1. Initiate stories and respond to stories told or read aloud	LKS 8-1 Develops Early Literacy <u>3-Year Old:</u> Holds book properly; engages in picture reading; begins to understand that print is read by others; follows along as a book is read; asks what printed words say; may request a particular book <u>Pre-K:</u> Shows interest in printed materials; looks at books independently; understands how print is organized (letters make words, words tell a story, etc.); understands that English is printed left-to-right and that pages turn right-to-left; identifies title and author; asks questions about stories; may connect a story to a personal experience; may predict the outcome of a story
2. Represent stories told or read aloud through various media or during play	ATL 1-2 Develops Memory <u>3-Year Old:</u> Recalls some elements of a story <u>Pre-K:</u> Recalls part or all of a story, including characters and main events CCA 21-4 Participates in Dramatic Play <u>3-Year Old:</u> Engages in more elaborate pretend play with friends using props and/or dress-up clothes; learns about social roles and relationships through role-play <u>Pre-K:</u> Learns about social roles and relationships through role-play; expands ideas in creative ways; communicates creative ideas to friends and teachers

3. Guess what will happen next in a story using pictures as a guide	<p>LKS 8-1 Develops Early Literacy <u>3-Year Old:</u> Holds book properly; engages in picture reading; begins to understand that print is read by others; follows along as a book is read; asks what printed words say; may request a particular book <u>Pre-K:</u> Shows interest in printed materials; looks at books independently; understands how print is organized (letters make words, words tell a story, etc.); understands that English is printed left-to-right and that pages turn right-to-left; identifies title and author; asks questions about stories; may connect a story to a personal experience; may predict the outcome of a story</p>
4. Retell information from a story	<p>ATL 1-2 Develops Memory <u>3-Year Old:</u> Recalls some elements of a story <u>Pre-K:</u> Recalls part or all of a story, including characters and main events</p> <p>LKS 8-1 Develops Early Literacy <u>3-Year Old:</u> Holds book properly; engages in picture reading; begins to understand that print is read by others; follows along as a book is read; asks what printed words say; may request a particular book <u>Pre-K:</u> Shows interest in printed materials; looks at books independently; understands how print is organized (letters make words, words tell a story, etc.); understands that English is printed left-to-right and that pages turn right-to-left; identifies title and author; asks questions about stories; may connect a story to a personal experience; may predict the outcome of a story</p>
5. Show beginning understanding of concepts about print	<p>LKS 8-3 Develops Emergent Reading <u>3-Year Old:</u> Recognizes own name in print; understands left to right, top to bottom process of reading <u>Pre-K:</u> Recognizes a few common sight words; understands structure: beginning, middle, end of a story; shows awareness of the uses and functions of environmental print, symbols, and other forms of print to convey meaning and recognizes that different text forms are used for different purposes</p>
6. Recognize and name some letters of the alphabet, especially those in own name	<p>LKS 8-2 Develops Alphabetic Knowledge <u>3-Year Old:</u> Says or sings ABCs <u>Pre-K:</u> Sings, says, or signs ABCs as a memorized chant; knows the names or sounds of most letters; begins to recognize letters in print</p>
7. Begin to associate sounds with words or letters	<p>LKS 8-2 Develops Alphabetic Knowledge <u>3-Year Old:</u> Says or sings ABCs <u>Pre-K:</u> Sings, says, or signs ABCs as a memorized chant; knows the names or sounds of most letters; begins to recognize letters in print</p>
Component: Writing	
1. Understand that writing is a way of communicating	<p>LKS 9-1 Develops Emergent Writing <u>3-Year Old:</u> Draws simple shapes, such as circles and squares; copies letters and designs; can trace dot letters; shows interest in written expression through scribbling and describing what was “written” <u>Pre-K:</u> Prints own name, either through tracing, copying, or writing independently and may make mistakes; attempts to copy simple words from classroom labels and other materials; shows awareness that a word is made up of letters</p>
2. Use scribbles, shapes, pictures, or dictation to represent thoughts or ideas	<p>LKS 9-1 Develops Emergent Writing <u>3-Year Old:</u> Draws simple shapes, such as circles and squares; copies letters and designs; can trace dot letters; shows interest in written expression through scribbling and describing what was “written” <u>Pre-K:</u> Prints own name, either through tracing, copying, or writing independently and may make mistakes; attempts to copy simple words from classroom labels and other materials; shows awareness that a word is made up of letters</p>

3. Engage in writing using letter-like symbols to make letters or words	<p>LKS 9-1 Develops Emergent Writing <u>3-Year Old:</u> Draws simple shapes, such as circles and squares; copies letters and designs; can trace dot letters; shows interest in written expression through scribbling and describing what was “written” <u>Pre-K:</u> Prints own name, either through tracing, copying, or writing independently and may make mistakes; attempts to copy simple words from classroom labels and other materials; shows awareness that a word is made up of letters</p>
4. Begin to copy or write own name	<p>LKS 9-1 Develops Emergent Writing <u>3-Year Old:</u> Draws simple shapes, such as circles and squares; copies letters and designs; can trace dot letters; shows interest in written expression through scribbling and describing what was “written” <u>Pre-K:</u> Prints own name, either through tracing, copying, or writing independently and may make mistakes; attempts to copy simple words from classroom labels and other materials; shows awareness that a word is made up of letters</p>

Domain: Creativity and the Arts	
Component: Creating	Vine Indicators
1. Use a variety of media and materials for exploration and creative expression	<p>CCA 21-1 Explores Art Media <u>3-Year Old:</u> Uses a variety of art materials and media to convey an idea; creates something different from what other children create <u>Pre-K:</u> Uses a variety of art materials independently to create original artwork; appreciates artistic creations of others and art events; shares opinions, likes, and dislikes</p>
2. Participate in art and music experiences	<p>CCA 21-1 Explores Art Media <u>3-Year Old:</u> Uses a variety of art materials and media to convey an idea; creates something different from what other children create <u>Pre-K:</u> Uses a variety of art materials independently to create original artwork; appreciates artistic creations of others and art events; shares opinions, likes, and dislikes</p>
	<p>CCA 21-2 Explores Music <u>3-Year Old:</u> Joins in class exploration of musical instruments; knows and sings songs; uses music across learning domains; explores with sound, melody, tone, rhythm, beat <u>Pre-K:</u> Joins in class exploration of musical instruments; knows some musical concepts such as volume, speed, melody, tone, rhythm, notes, etc.</p>
3. Participate in creative movement, drama, and dance	<p>CCA 21-3 Explores Movement and Dance <u>3-Year Old:</u> Participates in dance or creative movement activities <u>Pre-K:</u> Begins to show individual expression in creative movement activities</p>
	<p>CCA 21-4 Participates in Dramatic Play <u>3-Year Old:</u> Engages in more elaborate pretend play with friends using props and/or dress-up clothes; learns about social roles and relationships through role-play <u>Pre-K:</u> Learns about social roles and relationships through role-play; expands ideas in creative ways; communicates creative ideas to friends and teachers</p>
Component: Responding	
1. Show others and/or talk about what they have made or done	<p>CCA 21-1 Explores Art Media <u>3-Year Old:</u> Uses a variety of art materials and media to convey an idea; creates something different from what other children create</p>

	<u>Pre-K:</u> Uses a variety of art materials independently to create original artwork; appreciates artistic creations of others and art events; shares opinions, likes, and dislikes
2. Show interest and respect for the creative work of self and others	CCA 21-1 Explores Art Media <u>3-Year Old:</u> Uses a variety of art materials and media to convey an idea; creates something different from what other children create <u>Pre-K:</u> Uses a variety of art materials independently to create original artwork; appreciates artistic creations of others and art events; shares opinions, likes, and dislikes
Component: Evaluating	
1. Share experiences, ideas, and thoughts about art and creative expression	CCA 21-1 Explores Art Media <u>3-Year Old:</u> Uses a variety of art materials and media to convey an idea; creates something different from what other children create <u>Pre-K:</u> Uses a variety of art materials independently to create original artwork; appreciates artistic creations of others and art events; shares opinions, likes, and dislikes
2. Share opinions about likes and dislikes in art and creative expression	CCA 21-1 Explores Art Media <u>3-Year Old:</u> Uses a variety of art materials and media to convey an idea; creates something different from what other children create <u>Pre-K:</u> Uses a variety of art materials independently to create original artwork; appreciates artistic creations of others and art events; shares opinions, likes, and dislikes

Domain: Cognitive Development	
Component: Mathematical and Logical Thinking	Vine Indicators
Number Concepts and Operations	
1. Demonstrate increasing interest in and awareness of numbers and counting	CM 10-1 Begins Counting <u>3-Year Old:</u> Counts by rote to 10; counts sets of objects up to 10; may be able to count into the teens; understands and uses 1-1 correspondence <u>Pre-K:</u> Counts by rote to 20; can count objects up to 20; understands and uses ordinal terms (1st, 2nd, 3rd); may be able to skip count by 2, 5, or 10
2. Demonstrate understanding of one-to-one correspondence between objects and number	CM 10-1 Begins Counting <u>3-Year Old:</u> Counts by rote to 10; counts sets of objects up to 10; may be able to count into the teens; understands and uses 1-1 correspondence <u>Pre-K:</u> Counts by rote to 20; can count objects up to 20; understands and uses ordinal terms (1st, 2nd, 3rd); may be able to skip count by 2, 5, or 10
3. Demonstrate ability to count in sequence	CM 10-1 Begins Counting <u>3-Year Old:</u> Counts by rote to 10; counts sets of objects up to 10; may be able to count into the teens; understands and uses 1-1 correspondence <u>Pre-K:</u> Counts by rote to 20; can count objects up to 20; understands and uses ordinal terms (1st, 2nd, 3rd); may be able to skip count by 2, 5, or 10
4. Demonstrate ability to state the number that comes next up to 9 or 10	CM 10-1 Begins Counting <u>3-Year Old:</u> Counts by rote to 10; counts sets of objects up to 10; may be able to count into the teens; understands and uses 1-1 correspondence <u>Pre-K:</u> Counts by rote to 20; can count objects up to 20; understands and uses ordinal terms (1st, 2nd, 3rd); may be able to skip count by 2, 5, or 10
5. Demonstrate beginning ability to combine and separate numbers of objects	CM 10-3 Learns Addition, Subtraction and Division <u>3-Year Old:</u> When counting objects, understands that the last number counted represents the total

	<u>Pre-K:</u> Can add “1” to a set of objects and know that it is 1 more; can subtract 1 from a set of objects and know that it is 1 less; can split a set of objects equally to divide by 2
Patterns and Relationships	
1. Recognize and duplicate simple patterns	CM 11-2 Understands Patterns <u>3-Year Old:</u> Can complete simple patterns, such as red-blue-red-blue-red-blue; can tell what comes next <u>Pre-K:</u> Can create, duplicate or extend more complex patterns, such as red-blue-green-red-blue-green; can fill in a missing piece of a pattern; seriates a group of like objects (small, medium, large, or light, medium, dark)
2. Sort objects into subgroups by one or two characteristics	CS 13-2 Classifies or Sorts Objects <u>3-Year Old:</u> Sorts or matches objects based on simple attributes, such as color, size, weight, texture or function <u>Pre-K:</u> Compares objects based on attributes, such as weight, odor, color, texture, function or sound
3. Order or sequence several objects on the basis of one characteristic	CM 11-2 Understands Patterns <u>3-Year Old:</u> Can complete simple patterns, such as red-blue-red-blue-red-blue; can tell what comes next <u>Pre-K:</u> Can create, duplicate or extend more complex patterns, such as red-blue-green-red-blue-green; can fill in a missing piece of a pattern; seriates a group of like objects (small, medium, large, or light, medium, dark)
Spatial Relationships/Geometry	
1. Identify and name common shapes	CM 12-1 Learns Shapes & Sizes <u>3-Year Old:</u> Identifies and names simple shapes; understands that shapes remain the same when flipped or rotated <u>Pre-K:</u> Names and describes shapes; understands that two of the same shape can have different sizes; understands symmetry
2. Use words that show understanding of order and position of objects	CM 12-2 Develops Spatial Awareness <u>3-Year Old:</u> Understands conditional locations such as over/under, inside/outside, in front/behind <u>Pre-K:</u> Uses location words (in, on, under, etc.); uses standard or nonstandard units of measurement to determine length, height, capacity etc. of object(s); compares length, height, capacity of a container, such as how many scoops are needed to fill a bucket
Measurement	
1. Recognize objects can be measured by height, length, weight, and time	CM 11-1 Learns Measurement and Quantities <u>3-Year Old:</u> Understands quantities of length, height, weight, time, or compares amounts between two or more groups (by pointing to pictures or using words depicting little/big, short/tall, slow/fast, thin/fat, less/more, empty/full, few/many, heavy/light, shallow/deep, narrow/wide) <u>Pre-K:</u> Explores and observes ways to use tools to measure objects (e.g., erasers, paper clips, ruler, scale, thermometer, measuring cups, etc.); develops growing abilities to collect, describe, and record measurement in different ways, such as charting results or measuring distance on a map
2. Make comparisons between at least two groups of objects	CM 10-2 Builds and Observes Sets <u>3-Year Old:</u> Begins to see groups of 2 or 3 objects and knows the amount without counting (subitizing); counts and builds sets <u>Pre-K:</u> Can look at groups of objects up to 5 and indicate how many items without having to count them; compares quantities in sets and uses appropriate vocabulary: equal, more, less
	CM 11-1 Learns Measurement and Quantities

	<p><u>3-Year Old:</u> Understands quantities of length, height, weight, time, or compares amounts between two or more groups (by pointing to pictures or using words depicting little/big, short/tall, slow/fast, thin/fat, less/more, empty/full, few/many, heavy/light, shallow/deep, narrow/wide)</p> <p><u>Pre-K:</u> Explores and observes ways to use tools to measure objects (e.g., erasers, paper clips, ruler, scale, thermometer, measuring cups, etc.); develops growing abilities to collect, describe, and record measurement in different ways, such as charting results or measuring distance on a map</p>
Mathematical Reasoning	
1. Use simple strategies to solve mathematical problems	<p>CM 10-3 Learns Addition, Subtraction and Division</p> <p><u>3-Year Old:</u> When counting objects, understands that the last number counted represents the total</p> <p><u>Pre-K:</u> Can add “1” to a set of objects and know that it is 1 more; can subtract 1 from a set of objects and know that it is 1 less; can split a set of objects equally to divide by 2</p>
Component: Scientific Thinking and Problem-Solving	
Observing	
1. Use senses to explore materials and the environment	<p>CS 13-1 Explores Objects</p> <p><u>3-Year Old:</u> Asks why, where, when, how, what, and seeks answers through exploration</p> <p><u>Pre-K:</u> Identifies all 5 senses (smell, sight, sound, touch, taste) and uses them to explore objects in the environment; observes objects using tools such as color paddles, prisms and magnifying glasses</p>
2. Identify and/or describe objects by physical characteristics	<p>CS 13-2 Classifies or Sorts Objects</p> <p><u>3-Year Old:</u> Sorts or matches objects based on simple attributes, such as color, size, weight, texture or function</p> <p><u>Pre-K:</u> Compares objects based on attributes, such as weight, odor, color, texture, function or sound</p>
Questioning	
1. Express wonder about the natural world	<p>CS 15-2 Develops an Understanding of and Care for the Natural World</p> <p><u>3-Year Old:</u> Can name different types of plants and animals; helps in school garden; show respect for living things.</p> <p><u>Pre-K:</u> Can name different types of plants and animals; helps in school garden or with school pet; knows about natural phenomena such as weather and seasons; understands that people affect the environment; shows respect for living things</p>
2. Ask questions and seek answers through active exploration	<p>CS 13-1 Explores Objects</p> <p><u>3-Year Old:</u> Asks why, where, when, how, what, and seeks answers through exploration</p> <p><u>Pre-K:</u> Identifies all 5 senses (smell, sight, sound, touch, taste) and uses them to explore objects in the environment; observes objects using tools such as color paddles, prisms and magnifying glasses</p>
3. Make predictions about objects and natural events	<p>CS 14-2 Makes Predictions</p> <p><u>3-Year Old:</u> Makes simple predictions about what will happen next, such as during activities or when hearing a story</p> <p><u>Pre-K:</u> Able to make and test predictions (e.g., what color will we get if we mix the yellow dye and the blue dye?)</p>
Investigating	
1. Use tools (e.g., magnifying glass, binoculars, maps) for	<p>CS 15-1 Explores the Natural Environment</p> <p><u>3-Year Old:</u> Examines objects of the natural environment; observes objects with magnifying glass; understands the difference between living and non-living things</p>

investigation of the environment	<u>Pre-K:</u> Investigates how the natural environment works, such as growing plants, having an ant farm, having a butterfly garden, etc.
2. Make comparisons between objects that have been collected or observed	CS 13-2 Classifies or Sorts Objects <u>3-Year Old:</u> Sorts or matches objects based on simple attributes, such as color, size, weight, texture or function <u>Pre-K:</u> Compares objects based on attributes, such as weight, odor, color, texture, function or sound
Component: Social Systems Understanding	
Human Relationships	
1. Recognize and appreciate similarities and differences between self and others from diverse backgrounds	SED 4-1 Develops Awareness of Self <u>3-Year Old:</u> Describes own physical characteristics, likes and dislikes; communicates feelings about family and community; draws pictures of family <u>Pre-K:</u> Recognizes similarities and differences between self and others (e.g., gender, physical characteristics, likes/dislikes); identifies self as part of a group, (e.g., family, community, culture, faith, class)
	SS 16-1 Explores Cultures <u>3-Year Old:</u> Learns about cultural differences, including clothing, food, art, and work <u>Pre-K:</u> Is learning that there are many different cultures and that people express culture in their dress, food, art, and work
2. Understand various family roles, jobs, rules, and relationships	SS 16-4 Learns about Community Roles and Jobs <u>3-Year Old:</u> Learns about family roles and relationships <u>Pre-K:</u> Learns about community helpers; studies different types of careers and jobs; understands the need for various roles in a society; learns about important contributions of historical figures
3. Participate in activities to help others in the community	SS 16-4 Learns about Community Roles and Jobs <u>3-Year Old:</u> Learns about family roles and relationships <u>Pre-K:</u> Learns about community helpers; studies different types of careers and jobs; understands the need for various roles in a society; learns about important contributions of historical figures
Understanding the World	
1. Recognize and describe the roles of workers in the community	SS 16-4 Learns about Community Roles and Jobs <u>3-Year Old:</u> Learns about family roles and relationships <u>Pre-K:</u> Learns about community helpers; studies different types of careers and jobs; understands the need for various roles in a society; learns about important contributions of historical figures
2. Share responsibility in taking care of their environment	CS 15-2 Develops an Understanding of and Care for the Natural World <u>3-Year Old:</u> Can name different types of plants and animals; helps in school garden; show respect for living things. <u>Pre-K:</u> Can name different types of plants and animals; helps in school garden or with school pet; knows about natural phenomena such as weather and seasons; understands that people affect the environment; shows respect for living things
3. Begin to recall recent and past events	SS 16-2 Understands Time <u>3-Year Old:</u> Understands the concept of different days of the week (e.g., school days, non-school days, music class day, the day dad picks up from school) <u>Pre-K:</u> Understands basic concepts of time including past-present-future; may understand basic units of time, including hours-minutes-days; learns about calendars, including week-month-year

4. Identify characteristics of the places where they live and play within their community	<p>SS 16-3 Explores Geography <u>3-Year Old:</u> Learns about community places, such as home, school, park, etc. <u>Pre-K:</u> Learns about how the local community is a part of a broader world, such as state and country; may study maps to learn about far-away cultures</p>
5. Begin to understand the uses of media and technology and how they affect their lives	<p>CS 13-3 Learns Using Technology <u>3-Year Old:</u> Shows interest in technology; may understand how “swiping” and “clicking” work on an ipad or tablet <u>Pre-K:</u> May be learning how to play educational games using a computer and keyboard or tablet</p>

Domain: Physical and Motor Development	
Component: Gross Motor Development	Vine Indicators
1. Develop large muscle control and coordination	<p>PMP 17-1 Develops Perception & Balance <u>3-Year Old:</u> Stands on 1 foot for about 3 seconds; jumps with two feet <u>Pre-K:</u> Stands on 1 foot for about 6 seconds; does a front roll (somersault); walks backwards without losing balance; walks heel-to-toe, on tiptoe, and on a straight line; can walk on a balance board; hops on one foot</p>
	<p>PMP 17-5 Develops Large Motor Coordination Skills <u>3-Year Old:</u> Goes upstairs and downstairs without help; can pedal a tricycle; participates in increasingly strenuous physical activities indoors and outdoors <u>Pre-K:</u> Walks up and down stairs with alternating feet; can pedal a tricycle, climb a ladder, and or swing without assistance; can kick, throw, bounce or catch a ball; skips or claps</p>
2. Develop body strength, balance, flexibility, and stamina	<p>PMP 17-1 Develops Perception & Balance <u>3-Year Old:</u> Stands on 1 foot for about 3 seconds; jumps with two feet <u>Pre-K:</u> Stands on 1 foot for about 6 seconds; does a front roll (somersault); walks backwards without losing balance; walks heel-to-toe, on tiptoe, and on a straight line; can walk on a balance board; hops on one foot</p>
	<p>PMP 17-2 Develops Lower Body Strength <u>3-Year Old:</u> Runs; jumps; hops; balances on 1 foot for up to 3 seconds <u>Pre-K:</u> Can jump forward several times without falling</p>
	<p>PMP 17-3 Develops Upper Body Strength <u>3-Year Old:</u> Carries objects or pulls toys behind self while walking <u>Pre-K:</u> Carries objects or pulls toys behind self while walking; uses arm muscles to steer a tricycle</p>
	<p>PMP 17-6 Develops Stamina for Extended Awake Periods and Play Times <u>3-Year Old:</u> Is able to play for longer periods of time without needing to rest <u>Pre-K:</u> Can play for up to an hour of gross motor activity; is graduating off afternoon nap; understands the importance of exercise</p>
3. Use a variety of equipment for physical development	<p>PMP 17-5 Develops Large Motor Coordination Skills <u>3-Year Old:</u> Goes upstairs and downstairs without help; can pedal a tricycle; participates in increasingly strenuous physical activities indoors and outdoors <u>Pre-K:</u> Walks up and down stairs with alternating feet; can pedal a tricycle, climb a ladder, and or swing without assistance; can kick, throw, bounce or catch a ball; skips or claps</p>

4. Develop ability to move their body in space with coordination	<p>PMP 17-5 Develops Large Motor Coordination Skills <u>3-Year Old:</u> Goes upstairs and downstairs without help; can pedal a tricycle; participates in increasingly strenuous physical activities indoors and outdoors <u>Pre-K:</u> Walks up and down stairs with alternating feet; can pedal a tricycle, climb a ladder, and or swing without assistance; can kick, throw, bounce or catch a ball; skips or claps</p>
Component: Fine Motor Development	
1. Develop small muscle control and coordination	<p>PMP 18-1 Develops Dexterity and In-Hand Manipulation Skills <u>3-Year Old:</u> Works with buttons, snaps, levers, etc.; strings large beads; cuts with scissors; creases paper; plays with dough and clay <u>Pre-K:</u> Holds a crayon or marker using a tripod grasp; strings beads; cuts with scissors; has established right- or left-handedness</p>
2. Use eye-hand coordination to perform a variety of tasks	<p>PMP 18-2 Develops Fine Hand-Eye Coordination <u>3-Year Old:</u> Demonstrates increasing ability to complete fine motor activities, such as putting jumbo puzzles together or stringing beads <u>Pre-K:</u> Works with fine motor manipulatives, such as jigsaw puzzles or beads; ties knots and loops; uses a keyboard</p>
3. Explore and experiment with a variety of tools (e.g., spoons, crayons, paintbrushes, scissors, keyboards)	<p>PMP 18-1 Develops Dexterity and In-Hand Manipulation Skills <u>3-Year Old:</u> Works with buttons, snaps, levers, etc.; strings large beads; cuts with scissors; creases paper; plays with dough and clay <u>Pre-K:</u> Holds a crayon or marker using a tripod grasp; strings beads; cuts with scissors; has established right- or left-handedness</p>
Component: Physical Health and Well-Being	
1. Participate in a variety of physical activities to enhance personal health and physical fitness	<p>PMP 17-6 Develops Stamina for Extended Awake Periods and Play Times <u>3-Year Old:</u> Is able to play for longer periods of time without needing to rest <u>Pre-K:</u> Can play for up to an hour of gross motor activity; is graduating off afternoon nap; understands the importance of exercise</p>
2. Follow basic health and safety rules	<p>PMP 20-2 Learns Safety Rules <u>3-Year Old:</u> Is learning in a safe environment where caregivers are modeling safe behaviors; understands & follows safety rules; follows teacher's instructions when prompted <u>Pre-K:</u> Is learning in a safe environment where caregivers are modeling safe behaviors; understands & follows safety rules; follows teacher's instructions</p>
3. Recognize and eat a variety of nutritious foods	<p>PMP 19-1 Develops Meal Time Independence <u>3-Year Old:</u> Is independent with eating and drinking at meal times; uses utensils; uses cup <u>Pre-K:</u> Able to serve portions to self; uses utensils; adds own condiments, cuts food with table knife</p> <p>PMP 20-1 Learns about Nutrition <u>3-Year Old:</u> Is learning the role of food and nutrition in daily routines; tries different kinds of nutritious foods <u>Pre-K:</u> Understands the difference between healthy and unhealthy food; eats a variety of nutritious foods; is willing to try foods with various tastes, colors, and textures</p>
4. Demonstrate increasing independence with basic self-care skills	<p>PMP 19-2 Develops Self-Care Skills <u>3-Year Old:</u> Understands and can complete health and safety routines, such as washing hands and brushing teeth; mostly independent with dressing, including pulling up pants, putting on shoes, and putting on coat</p>

	<p><u>Pre-K:</u> Knows to wash hands with soap before eating, after toileting, and after wiping nose; independently brushes teeth; shows preference for certain clothing and prefers to dress and undress self; able to zip, button, and snap; may be able to tie shoes</p>
	<p>PMP 19-3 Becomes Toilet Trained <u>3-Year Old:</u> Is fully or nearly toilet trained <u>Pre-K:</u> Is completely independent with toileting</p>
	<p>PMP 19-4 Develops Naptime Independence <u>3-Year Old:</u> Puts self to sleep at naptime <u>Pre-K:</u> Puts self to sleep at naptime; may not nap every afternoon; likely not napping by age 5 (note current level)</p>

DISCLAIMER:

This Alignment Document provides information that is current as of the publication date, pursuant to the state information available at that time. If this document is out-of-date, please be aware that we are likely working on an updated version. Should you like to alert us to the need to update this alignment document pursuant to any new rules/regulations or updates, please contact us at:

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