

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:
Arizona Early Learning Standards



References



Arizona Department of Education, Early Childhood Programs. (2018).
Arizona Early Learning Standards AZ Department of Education - Author.
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Arizona Early Learning Standards	Vine Assessments by LifeCubby
Social Emotional Development	Vine Indicators
Self-Awareness and Emotional Skills	
Self-Awareness	
Recognizes own self-confidence.	SED 4-2 Becomes Confident
Makes personal preferences known to others.	SED 3-1 Expresses Emotion
Demonstrates knowledge of self-identity/autonomy.	SED 4-1 Develops Awareness of Self
Displays an awareness of similarities and differences between self and others.	SED 4-1 Develops Awareness of Self
Demonstrates developmentally appropriate cultural curiosity and responsiveness.	SED 6-1 Builds Empathy
Recognizes and Expresses Feelings	
Associates emotions with words, facial expressions, and body language.	SED 3-1 Expresses Emotion
Identifies, describes, and expresses their own feelings.	SED 3-1 Expresses Emotion
Identifies and describes feelings of others.	SED 6-1 Builds Empathy
Expresses feelings of satisfaction in independent activities	SED 4-2 Becomes Confident
Expresses empathy for others.	SED 6-1 Builds Empathy
Self-Regulation	
Understands and follows expectations in the learning environment.	ATL 2-1 Understands Routines
Adjusts behavior and adapts to transitions, daily routines, and unexpected events.	SED 3-2 Manages Feelings & Demonstrates Self-Control
Chooses appropriate words and actions.	SED 3-2 Manages Feelings & Demonstrates Self-Control
Relationships and Social Skills	
Attachment	
Expresses interest, curiosity, and trust with familiar adults.	SED 5-1 Bonds with Adults
Seeks support from familiar adults.	SED 5-1 Bonds with Adults
Separates from familiar adult with minimal distress	SED 5-1 Bonds with Adults
Social Interactions	
Responds when adults or other children initiate interactions.	SED 5-1 Bonds with Adults SED 6-2 Bonds with Peers
Initiates and sustains positive interactions with adults and other children.	SED 5-1 Bonds with Adults SED 6-2 Bonds with Peers

Acknowledges someone's perspective by demonstrating positive ways to resolve conflict.	SED 3-2 Manages Feelings & Demonstrates Self-Control
Respect	
Respects the rights and property of others.	ATL 2-2 Shows Responsibility
Defends own rights and the rights of others.	ATL 2-2 Shows Responsibility
Shows respect for learning materials in the learning environment.	ATL 2-2 Shows Responsibility

Approaches to Learning	
Initiative and Curiosity	
Initiative	
Seeks interaction with others.	ATL 1-5 Shows Initiative
Demonstrates independence during activities, routines, and play.	ATL 1-5 Shows Initiative
Exhibits flexibility, imagination, and inventiveness when attempting tasks and activities.	ATL 1-6 Thinks with Creativity & Flexibility
Curiosity	
Shows interest in learning new things and trying new experiences.	ATL 1-4 Is Curious
Expresses interest in people.	ATL 1-1 Is Attentive
Asks questions to get information.	ATL 1-4 Is Curious
Attentiveness and Persistence	
Attentiveness	
Displays ability to pay attention when engaged in an activity.	ATL 1-1 Is Attentive
Sustains attention when engaged in an age-appropriate activity.	ATL 1-1 Is Attentive
Ability to return to activities after distractions and interruptions.	ATL 1-1 Is Attentive
Persistence	
Pursues challenges	ATL 1-3 Is Persistent
Copes with frustration or disappointment independently or with support.	SED 3-2 Manages Feelings & Demonstrates Self-Control
Establishes goals, generates plans, and follows through to completion.	ATL 1-3 Is Persistent
Confidence and Resilience	
Confidence and Resilience	
Expresses opinions or ideas.	ATL 1-5 Shows Initiative
Views self as competent and skilled.	SED 4-2 Becomes Confident

Is willing to take risks and consider a variety of alternatives.	ATL 1-6 Thinks with Creativity & Flexibility
Demonstrates a mindset of resilience when approaching challenging tasks.	ATL 1-6 Thinks with Creativity & Flexibility
Creativity	
Creativity	
Uses imagination to generate innovative ideas.	ATL 1-6 Thinks with Creativity & Flexibility
Displays curiosity and acknowledges others' perspectives.	ATL 1-4 Is Curious
Engages in inventive social play.	ATL 1-5 Shows Initiative
Reasoning and Problem-Solving	
Reasoning	
Gathers and analyzes information to reach a conclusion.	CS 14-1 Solves Problems
Recognizes relationships between cause and effect.	CS 14-2 Makes Predictions
Connects prior experiences with new learning.	ATL 1-2 Develops Memory
Problem-Solving	
Finds out what is wanted or needed.	CS 14-3 Makes Plans
Defines the problem.	CS 14-1 Solves Problems
Brainstorms and chooses a solution to try.	CS 14-2 Makes Predictions
Checks in to see if the solution worked.	CS 14-4 Draws Conclusions and Sorts Results

Language and Literacy	
Language	
Receptive Language Understanding	
Demonstrates understanding of a variety of finger-plays, rhymes, chants and songs, poems, conversations, and stories.	LC 7-1 Develops Receptive Communication
Engages actively in finger-plays, rhymes, chants and songs, poems, conversations, and stories.	LC 7-1 Develops Receptive Communication
Demonstrates understanding and follows directions that involve one step, two steps, or multiple steps.	LC 7-1 Develops Receptive Communication
Expressive Language and Communication Skills	
Communicates needs, wants, ideas, and feelings through three to five word sentences.	LC 7-2 Develops Expressive Communication

Speaks clearly and understandably to express ideas, feelings, and needs.	LC 7-5 Expands Grammar and Pronunciation
Makes culturally relevant responses (both verbal and nonverbal) to questions and comments from others.	LC 7-6 Learns Conversation Structure
Initiates, sustains, and expands conversations with peers and adults using open-ended responses.	LC 7-6 Learns Conversation Structure
With modeling and support, child uses language that includes social rules; e.g., pragmatics, appropriate tone, volume, and inflection to express ideas, feelings, and needs.	LC 7-6 Learns Conversation Structure
Uses culturally relevant responses such as eye contact, turn taking, and intonation while having conversations with adults and peers.	LC 7-6 Learns Conversation Structure
Recognizes when the listener does not understand and varies the amount of information to clarify the message.	LC 7-6 Learns Conversation Structure
With modeling and support, uses increasingly complex phrases and sentences.	LC 7-5 Expands Grammar and Pronunciation
Vocabulary	
Uses rich vocabulary across many topic areas.	LC 7-4 Expands Vocabulary
Figures out the meanings of unfamiliar words and concepts using the context of conversations, pictures that accompany text, or concrete objects.	LC 7-4 Expands Vocabulary
Uses category labels and names objects within a category; e.g., fruit, vegetable, animal, transportation.	LC 7-4 Expands Vocabulary
Demonstrates understanding of and uses words that indicate position and direction; e.g., in, on, out, under, over, off, beside, behind.	LC 7-4 Expands Vocabulary
Emergent Literacy	
Concepts of Print	
Identifies signs, symbols, and labels in a variety of environments (environmental print).	LKS 8-3 Develops Emergent Reading
Demonstrates and understands that print conveys meaning and that each spoken word can be written and read.	LKS 8-3 Develops Emergent Reading

Recognizes that letters are grouped to form words.	LKS 8-3 Develops Emergent Reading
Recognizes own written name and the written names of friends and family.	LKS 8-3 Develops Emergent Reading
Seeks information in printed materials.	LKS 8-3 Develops Emergent Reading
Book Handling Skills	
Holds a book right side up with the front cover facing the reader and understands left to right and top to bottom directionality.	LKS 8-1 Develops Early Literacy
Identifies where in the book to begin reading.	LKS 8-1 Develops Early Literacy
Understands a book has a title, author, and/or illustrator.	LKS 8-1 Develops Early Literacy
Phonological Awareness	
Differentiates between sounds that are the same and different (e.g., environmental sounds, animal sounds, phonemes).	LC 7-3 Develops Phonemic Awareness
Identifies rhyming words.	LC 7-3 Develops Phonemic Awareness
Produces rhyming words.	LC 7-3 Develops Phonemic Awareness
Recognizes spoken words that begin with the same sound.	LC 7-3 Develops Phonemic Awareness
Hears and shows awareness of separate words within spoken phrases or sentences.	LC 7-3 Develops Phonemic Awareness
Identifies and discriminates syllables in words.	LC 7-3 Develops Phonemic Awareness
Combines onset and rime to form a familiar one-syllable word with and without pictorial support.	LC 7-3 Develops Phonemic Awareness
Alphabet Knowledge	
Discriminates letters from other shapes and symbols.	LKS 8-2 Develops Alphabetic Knowledge
Matches and recognizes similarities and differences in letters, with modeling and support.	LKS 8-2 Develops Alphabetic Knowledge
Recognizes an increasing number of letters, especially those in own name, familiar objects, family, and friends.	LKS 8-2 Develops Alphabetic Knowledge
Demonstrates understanding of letters by producing letter forms using a variety of materials; e.g., playdough, blocks, marker, and paper.	LKS 8-2 Develops Alphabetic Knowledge
Uses letter-sound knowledge, identifying the sounds of a few letters	LKS 8-2 Develops Alphabetic Knowledge

and producing the correct sounds for an increasing number of letters.	
Comprehension and Text Structure	
Takes an active role in reading activities.	LKS 8-1 Develops Early Literacy
Identifies characters and major events in a story.	LKS 8-1 Develops Early Literacy
Asks and answers a variety of questions about books or stories told or read aloud.	LKS 8-1 Develops Early Literacy
Draws connections between story events and personal experiences.	LKS 8-1 Develops Early Literacy
Identifies events and details in the story and makes predictions.	LKS 8-1 Develops Early Literacy
Gives an opinion for liking or disliking a book or story.	LKS 8-1 Develops Early Literacy
Begins to demonstrate an understanding of the differences between fiction and non-fiction.	LKS 8-3 Develops Emergent Reading
Identifies the topic of informational text that has been read aloud.	LKS 8-1 Develops Early Literacy
Retells or reenacts a story in sequence with pictures or props.	LKS 8-1 Develops Early Literacy
Demonstrates reading fluency by use of phrasing, intonation, and expression in shared reading of familiar books, poems, chants, songs, nursery rhymes, or other repetitious or predictable texts.	LKS 8-3 Develops Emergent Reading
Emergent Writing	
Writing Processes and Writing Applications	
In writing process, uses a variety of writing tools, materials, and surfaces to create drawings or symbols.	LKS 9-1 Develops Emergent Writing
Writes own name using letter-like forms or conventional print.	LKS 9-1 Develops Emergent Writing
Intentionally uses scribbles/writing and inventive writing to convey meaning, ideas, or to tell a story; e.g., signing artwork, captioning, labeling, creating lists, making notes.	LKS 9-1 Develops Emergent Writing
Forms letters starting with large motor (sky writing, paint brush and water, sidewalk chalk) progressing to fine motor (paper and writing utensil).	LKS 9-1 Develops Emergent Writing

Organizes writing from left to right, indicating a print awareness that letters cluster as words and words cluster into phrases or sentences by use of spacing or marks.	LKS 9-1 Develops Emergent Writing
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Mathematics	
Counting and Cardinality	
Counts Out Loud	
Shows interest in and awareness of counting.	CM 10-1 Begins Counting
Rote counts zero to ten and beyond with increasing accuracy.	CM 10-1 Begins Counting
Knows Number Names and Symbols	
Uses numerals and number symbols in the context of daily routines, activities, and play.	CM 10-4 Reads and Writes Numbers
Uses and creates symbols to represent numbers.	CM 10-4 Reads and Writes Numbers
Uses a variety of materials (i.e. clay, sand, shaving cream) to write and form numerals and numeral-like symbols.	CM 10-4 Reads and Writes Numbers
Identifies numerals zero to ten.	CM 10-1 Begins Counting
Differentiates some written numerals from written letters.	CM 10-4 Reads and Writes Numbers
Compares Numbers and Quantities	
Compares two sets of objects using terms such as greater than, less than, or equal to.	CM 10-2 Builds and Observes Sets
Counts to Tell Number of Objects	
Identifies quantities of three to five objects without counting using visual approximation (Subitize).	CM 10-2 Builds and Observes Sets
Demonstrates the ability to match object to object in a group (One-to-one correspondence).	CM 10-1 Begins Counting
Counts groups of objects using a number word for each object (Rational counting).	CM 10-2 Builds and Observes Sets
Counts a collection of up to ten items using the last counting word to tell, "How many?" (Cardinality)	CM 10-1 Begins Counting
Matches numerals to quantities using manipulatives.	CM 10-1 Begins Counting
Operations and Algebraic Thinking	

Explores Addition and Subtraction	
Recognizes that adding increases the number of objects in a group.	CM 10-3 Learns Addition, Subtraction and Division
Describes changes in two or more sets of objects when they are combined.	CM 10-3 Learns Addition, Subtraction and Division
Recognizes that taking away (subtracting) decreases the number of objects in a group.	CM 10-3 Learns Addition, Subtraction and Division
Describes changes in a set of objects when they are separated into parts.	CM 10-3 Learns Addition, Subtraction and Division
Counts on from the larger number for addition.	CM 10-3 Learns Addition, Subtraction and Division
Patterning	
Recognizes patterns in the real world.	CM 11-2 Understands Patterns
Fixes simple patterns.	CM 11-2 Understands Patterns
Duplicates simple patterns.	CM 11-2 Understands Patterns
Extends patterns.	CM 11-2 Understands Patterns
Creates patterns.	CM 11-2 Understands Patterns
Describes similarities and differences in patterns.	CM 11-2 Understands Patterns
Measurement and Data	
Sorts and Classifies	
Sorts and classifies objects by one or more attributes (e.g., size, color, shape, texture, use).	CS 13-2 Classifies or Sorts Objects
Explains how items were sorted into groups.	CS 13-2 Classifies or Sorts Objects
Data Analysis	
Asks questions to gather measurable data.	CS 13-1 Explores Objects
Displays data to answer simple questions about themselves or the environment.	CS 14-4 Draws Conclusions and Sorts Results
Uses descriptive language to compare data in picture graphs or other concrete representations.	CS 14-4 Draws Conclusions and Sorts Results
Analyzes data from charts and graphs to answer questions.	CS 14-4 Draws Conclusions and Sorts Results
Measures	
Compares objects and uses terms (e.g. lighter-heavier, hotter-colder, and faster-slower).	CM 11-1 Learns Measurement and Quantities
Uses non-standard units of measurement (e.g., hands, bodies, containers) to estimate measurable attributes.	CM 11-1 Learns Measurement and Quantities

Uses various standard measuring tools for simple measuring tasks.	CM 11-1 Learns Measurement and Quantities
Orders objects by measurable attributes.	CM 11-1 Learns Measurement and Quantities
Uses appropriate vocabulary to describe time and sequence related to daily routines (e.g. tomorrow, yesterday, next, this morning).	SS 16-2 Understands Time
Geometry	
Shapes	
Recognizes basic two-dimensional shapes when presented in different orientations.	CM 12-1 Learns Shapes & Sizes
Uses the names of geometric shapes when describing objects found in the environment.	CM 12-1 Learns Shapes & Sizes
Creates two-dimensional shapes during play.	CM 12-1 Learns Shapes & Sizes
Creates three-dimensional (solid) shapes during play.	CM 12-1 Learns Shapes & Sizes
Compares, describes, analyzes, and sorts two- and three- dimensional objects in the environment using formal and informal mathematical language with prompting and support based on their attributes.	CM 12-1 Learns Shapes & Sizes
Spatial Reasoning	
Uses and responds to spatial language (e.g., between, inside, under, above, behind).	CM 12-2 Develops Spatial Awareness
Describes the relative position or location of objects in relation to self or to other objects with mathematical precision.	CM 12-2 Develops Spatial Awareness

Science	
Scientific Inquiry and Application	
Exploration, Observations, and Hypotheses	
Exhibits curiosity about objects, living things, and other natural events in the environment.	CS 13-1 Explores Objects CS 15-1 Explores the Natural Environment
Identifies attributes of objects, living things, and natural events in the environment.	CS 13-1 Explores Objects CS 15-1 Explores the Natural Environment

Describes changes in objects, living things, and natural events in the environment.	CS 13-1 Explores Objects CS 15-1 Explores the Natural Environment
Begins to describe the similarities, differences and relationships between objects, living things and natural events.	CS 13-1 Explores Objects CS 15-1 Explores the Natural Environment
Asks and responds to questions about relationships of objects, living things, and events in the natural environment.	CS 13-1 Explores Objects CS 15-1 Explores the Natural Environment
Investigation	
Uses a variety of tools and materials to investigate.	CS 13-1 Explores Objects
Makes predictions and researches hypotheses through active investigation.	CS 14-2 Makes Predictions
Adjusts their approach if results are different than expected and continues testing.	CS 14-1 Solves Problems
Persists with an investigation.	CS 14-1 Solves Problems
Analysis and Conclusion	
Uses a variety of materials to record and organize data.	CS 14-4 Draws Conclusions and Sorts Results
Identifies cause and effect relationships.	CS 14-4 Draws Conclusions and Sorts Results
Constructs theories to explain their investigations.	CS 14-4 Draws Conclusions and Sorts Results
Communication	
Displays and interprets data.	CS 14-4 Draws Conclusions and Sorts Results
Presents their scientific ideas in a variety of ways.	CS 14-4 Draws Conclusions and Sorts Results
Conducts further investigation based on prior experience and information gained.	CS 14-4 Draws Conclusions and Sorts Results

Social Studies	
Family	
Understands Family	
Views self in relationship to others in a family.	SED 4-1 Develops Awareness of Self
Identifies family members (e.g., mother, father, sister, brother, grandparents, and other important people in the child's life).	SS 16-4 Learns about Community Roles and Jobs

Describes/discusses own cultural or familial traditions.	SS 16-1 Explores Cultures
Identifies similarities and differences in their family composition and the families of others such as blended, foster, and other family structures.	SED 4-1 Develops Awareness of Self
Develops an awareness of their personal and family history.	SED 4-1 Develops Awareness of Self
Shows knowledge of family members' roles and responsibilities in the home.	SS 16-4 Learns about Community Roles and Jobs
Rights, Responsibilities, and Roles within Community	
Demonstrates responsible behaviors.	ATL 2-2 Shows Responsibility
Recognizes that people rely on others for economics, goods, and services (e.g., farm goods, mail delivery, safety, health care).	SS 16-5 Learns about Government and Economics
Seeks opportunities for leadership.	SED 6-3 Cooperates with Peers
Describes the purpose of rules.	SED 6-3 Cooperates with Peers
Recognizes that people have wants and must make choices because resources and materials are limited.	SS 16-5 Learns about Government and Economics
Describes their role at home, at school, and in the community.	SS 16-4 Learns about Community Roles and Jobs
Environment	
Describes directionality and/or location within the community.	SS 16-3 Explores Geography
Describes some physical features of the environment in which she lives (e.g., buildings and natural elements like mountains and weather).	SS 16-3 Explores Geography
Recognizes that people share the environment with other people, plants, and animals.	CS 15-2 Develops an Understanding of and Care for the Natural World
Shows an understanding of how to care for the indoor and outdoor environment.	CS 15-2 Develops an Understanding of and Care for the Natural World
History and Events	
Understands Time – Past, Present, and Future	
Demonstrates an understanding of time in the context of daily experiences.	SS 16-2 Understands Time
Understands that events happened in the past and how these events relate to one's self, family, and community.	SS 16-2 Understands Time
Communicates time and sequence vocabulary (e.g., before, after, during,	SS 16-2 Understands Time

later, first, last, yesterday, tomorrow, today) to describe relevant history and events.	
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Physical Development, Health and Safety	
Physical and Motor Development	
Gross Motor Development	
Moves with maturing balance skills.	PMP 17-1 Develops Perception & Balance
Moves with maturing locomotor skills (e.g., walks, runs, skips, jumps, gallops, hops, slides, leaps).	PMP 17-5 Develops Large Motor Coordination Skills
Moves with maturing coordination (e.g., reach, grasp, throw, catch).	PMP 17-4 Develops Gross Hand-Eye Coordination
Demonstrates an understanding of movement concepts including body awareness, spatial awareness, and directional awareness.	CM 12-2 Develops Spatial Awareness
Fine Motor Development	
Uses fingers, hands, and wrists to manipulate a variety of tools and materials, (e.g., crayons, markers, chalk, sponges, paint brushes, scissors, pencils, silverware).	PMP 18-1 Develops Dexterity and In-Hand Manipulation Skills
Uses eye-hand coordination to perform simple tasks.	PMP 18-2 Develops Fine Hand-Eye Coordination
Manipulates smaller objects, tools, and instruments that require wrist and squeezing motions.	PMP 18-1 Develops Dexterity and In-Hand Manipulation Skills
Uses fine motor skills in daily living.	PMP 18-2 Develops Fine Hand-Eye Coordination
Personal Health and Hygiene Practices	
Demonstrates hygiene practices and personal care tasks with increasing independence.	PMP 19-2 Develops Self-Care Skills
Demonstrates healthy nutrition practices.	PMP 20-1 Learns about Nutrition
Demonstrates active physical play and rest.	PMP 17-6 Develops Stamina for Extended Awake Periods and Play Times
Demonstrates emerging knowledge of wellness.	PMP 19-2 Develops Self-Care Skills
Demonstrates emerging knowledge of oral health.	PMP 19-2 Develops Self-Care Skills

Fine Arts	
Visual Arts	
Improvises and Connects with Visual Arts	
Creates their own original works using a variety of materials/media, tools, and techniques (e.g., materials/media, such as, paper, digital drawing application, sand, clay).	CCA 21-1 Explores Art Media
Represents creative choices, ideas, experiences, and feelings with details that connect to personal meaning.	CCA 21-1 Explores Art Media
Engages in two- and three-dimensional artistic investigations.	CCA 21-1 Explores Art Media
Describes and communicates an understanding of their work and the artwork of others.	CCA 21-1 Explores Art Media
Music	
Creates and Connects with Musical Concepts and Expressions	
Experiments with a variety of instruments, vocalizations, sounds.	CCA 21-2 Explores Music
Sings to familiar rhymes, songs, and chants.	CCA 21-2 Explores Music
Uses familiar songs, rhymes, or chants to create their own musical improvisations.	CCA 21-2 Explores Music
Responds to different styles of music, (e.g., rock, classical, jazz, spirituals, Hawaiian, reggae, Native American, gospel, bluegrass, lullabies, marches, and country music), and music representative of a variety of cultures.	CCA 21-2 Explores Music
Describes and communicates an understanding of music in the contexts of daily experiences.	CCA 21-2 Explores Music
Creative Movement and Dance	
Creates and Connects with Creative Movement and Dance	
Experiments with a variety of movements.	CCA 21-3 Explores Movement and Dance
Dances and moves to rhymes, songs, and chants.	CCA 21-3 Explores Movement and Dance
Responds with movement to various sensory stimuli.	CCA 21-3 Explores Movement and Dance

Describes and communicates an understanding of movement and dance in the contexts of daily experiences.	CCA 21-3 Explores Movement and Dance
Dramatic Play	
Creates and Connects with Dramatic Activities	
Assumes roles from daily activities using a variety of props.	CCA 21-4 Participates in Dramatic Play
Takes on more than one dramatic play role at a time.	CCA 21-4 Participates in Dramatic Play
Pretends an object exists without using a prop.	CCA 21-4 Participates in Dramatic Play
Dramatizes familiar stories.	CCA 21-4 Participates in Dramatic Play

DISCLAIMER:

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