

Alignment of Gee Whiz Education Curriculum with the Colorado Early Learning & Development Guidelines

The Gee Whiz Education curriculum is a comprehensive approach designed to help educators address the unique needs of mixed-age groups. This document details specifically how the Gee Whiz Education Learning Indicators align with the developmental standards defined for children in the state of Colorado.

Additional information on the Gee Whiz Education approach to learning, including the program philosophy and the evidence/research on which the program is based, can be found on our website www.geewhizeducation.com as well as in the Gee Whiz Education User's Guide.

Colorado Early Learning & Development Guidelines	Gee Whiz Education Learning Indicators
LANGUAGE & LITERACY DEVELOPMENT + ENGLISH LANGUAGE LEARNING	
Receptive Language Expressive Language Communication Skills & Knowledge Interest in Print Receptive English Language Skills (3-5) Expressive English Language Skills (3-5) Engagement in English Literacy Activities (3-5) Attending & Understanding (3-5) Communicating & Speaking (3-5) Vocabulary (3-5)	LD1 Understands spoken language LD2 Understands and then uses an ever increasing vocabulary LK1 Shows an interest in books and understands they are a way of sharing information AL1 Shows an interest in many topics and a desire to try new things LD2 Understands and then uses an ever increasing vocabulary LD3 Uses language to express ideas, wants and needs LD4 Increasingly engages adults and other children in conversations CA2 Uses movement and dance to express ideas and emotions AL1 Shows an interest in many topics and a desire to try new things
SOCIAL STUDIES KNOWLEDGE AND SKILLS	
History and Events (3-5) Geography (3-5) Economics (3-5) Civics (3-5)	SS1 Understands how families are unique and different SS2 Develops a basic understanding of community, including common jobs SS3 Recognizes the importance of caring for the environment SS4 Develops a baseline understanding of how the past affects us and our community

LITERACY KNOWLEDGE & SKILLS

Print and Alphabet Knowledge (3-5)
Phonological Awareness (3-5)
Comprehension and Text Structure (3-5)
Writing (3-5)

- LK1** Shows an interest in books and understands stories are a way of sharing information
- LK2** Understands that language is made up of words, which can be broken down into syllables
- LK3** Begins to name letters and identify their sounds
- LK4** Understands concepts about print (e.g., reading from left to right, logos as symbols, etc.)
- LK5** Begins to use a variety of writing tools to use writing (invented or true) as a way to convey thoughts and ideas
- LR2** Understands that symbols or objects can be used to represent different things

CREATIVE ARTS EXPRESSION

Movement (3-5)
Create, Compose & Choreograph (3-5)
Historical & Cultural Context (3-5)
Reflect, Connect & Respond (3-5)
Create (3-5)
Perform (3-5)
Respond (3-5)
Music Expression (3-5)
Creation of Music (3-5)
Theory of Music (3-5)
Aesthetic Valuation of Music (3-5)
Observe and Learn to Comprehend (3-5)
Envision and Critique to Reflect (3-5)
Invent and Discover to Create (3-5)
Relate to Connect and Transfer (3-5)

- CA1** Participates in musical activities including singing and utilizing instruments
- CA2** Uses movement and dance to express ideas and emotions
- CA3** Utilizes a variety of art materials (both two and three-dimensional) to express self
- CA4** Engages in pretend play with, or without, the use of props

COGNITIVE DEVELOPMENT, MATH KNOWLEDGE & SKILLS & SCIENCE KNOWLEDGE & SKILLS

Cause-and-Effect
Spatial Relationships
Imitation
Number Sense
Classification
Symbolic Play
Problem Solving
Memory
Attention Maintenance
Behavior Regulation
Number Concepts & Quantities (3-5)
Operations and Algebraic Thinking (3-5)
Measurement & Data (3-5)
Geometry & Spatial Sense (3-5)
Scientific Inquiry (3-5)
Reasoning & Problem-Solving (3-5)
Life Science (3-5)

- MK1** Understands that numbers tell “how many”
- MK2** Recognizes that numbers go in a specific order
- MK3** Recognizes shapes and positional concepts
- MK4** Creates, imitates and/or extends patterns
- MK5** Utilizes measurement (standard and nonstandard) to compare and contrast objects
- MK6** Sorts or groups objects based on common characteristics
- SK1** Utilizes observation and other senses to explore and gather information about objects and experiences
- SK2** Makes and test predictions using simple experimentation
- SK3** Gathers information about the natural world through hands-on exploration

LOGIC & REASONING

Reasoning and Problem Solving (3-5)
Symbolic Representation (3-5)

- LR1** Demonstrates the ability to identify a problem and then seeks ways to solve it
- LR2** Understands that symbols or objects can be used to represent different things

SOCIAL & EMOTIONAL DEVELOPMENT

Interaction with Adults
Interaction with Peers
Relationships with Peers
Empathy
Social Understanding
Relationships with Adults
Identity of Self in Relation to Others
Recognition of Ability
Expression of Emotion
Emotion Regulation
Impulse Control
Relationships with Adults & Peers (3-5)
Sense of Identity & Belonging (3-5)
Emotional Functioning (3-5)
Emotional and Behavioral Self-Regulation (3-5)
Cognitive Self-Regulation (Executive Functioning) (3-5)

- SE1** Demonstrates a secure relationship with caregivers or other adults as well as positive interactions with other children
- SE2** Demonstrates a positive self-concept by sharing preferences, expressing feelings freely and displaying confidence
- SE4** Demonstrates a range of appropriate emotions
- AL1** Shows interest in many topics and a desire to try new things
- LD3** Uses language to express ideas, wants and needs

PHYSICAL DEVELOPMENT & HEALTH

Perceptual Development
Gross Motor
Fine Motor
Health
Routines
Health, Safety & Nutrition (3-5)

- PD1** Understands the importance of exercise and rest
- PD2** Takes pride in caring for self (e.g., brushing teeth, dressing, eating healthy foods, etc.)
- PD3** Practices safe habits and understands basic safety rules
- PD4** Demonstrates gross motor skills (e.g., running, hopping, skipping, etc.)
- PD5** Demonstrates fine motor control (e.g., writing, pouring, cutting, etc.)

APPROACHES TO LEARNING

Initiative and Curiosity
Creativity

- AL1** Shows interest in many topics and a desire to try new things
- AL2** Displays persistence when completing tasks and is able to avoid distractions
- AL3** Engages in cooperative group experiences