

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

Full versions of the Colorado Early Learning and Development Guidelines (Ages 3-5) used to create this alignment document can be found at:

<https://earlylearningco.org/pdf/FINAL-ELDG-Guidelines-2020.pdf>



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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

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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 Identify & 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