

Alignment of Gee Whiz Education Curriculum with the Missouri Early Learning Goals

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 standards for early childhood in the state of Missouri.

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.

| Missouri Early Learning Goals | Gee Whiz Education Learning Indicators |
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| APPROACHES TO LEARNING | |
| Shows curiosity Takes initiative Exhibits creativity and inventiveness Shows confidence Displays persistence Uses problem-solving skills | 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 cooperatives group experiences 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 AND EMOTIONAL DEVELOPMENT | |
| Knowledge of Self: Exhibits self-awareness and self-confidence Manages feelings and behavior Knowledge of Others: Builds relationships | SE1 Demonstrates a secure relationship with caregivers or other adults as well as positive interactions with other children 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 AL3 Engages in cooperative group experiences |

A full version of the Missouri Early Learning Goals used to create this alignment can be found at the following web address: <https://dese.mo.gov/sites/default/files/eel-el-2013-MELGoals.pdf>

PHYSICAL DEVELOPMENT AND HEALTH

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| <p>Uses gross motor skills with purpose and collaboration</p> <p>Uses fine motor skills with purpose and collaboration</p> <p>Responds to sensory input to function in the environment</p> <p>Practices healthy behaviors</p> <p>Practices safe behaviors</p> | <p>PD1 Understands the importance of exercise and rest</p> <p>PD2 Takes pride in caring for self (e.g., brushing teeth, dressing, eating healthy foods, etc.)</p> <p>PD3 Practices safe habits and understands basic safety rules</p> <p>PD4 Demonstrates gross motor skills (e.g., running, hopping, skipping, etc.)</p> <p>PD5 Demonstrates fine motor control (e.g., writing, pouring, cutting, etc.)</p> |
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EXPRESSIVE ARTS

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| <p>Music and Movement</p> <p>Shows interest in music and movement</p> <p>Explores music and movement</p> <p>Visual Arts</p> <p>Shows interest in visual arts</p> <p>Explores visual arts</p> <p>Drama</p> <p>Shows interest in dramatic arts</p> <p>Explores dramatic arts</p> | <p>CA1 Participates in musical activities including singing and utilizing instruments</p> <p>CA2 Uses movement and dance to express ideas and emotions</p> <p>CA3 Utilizes a variety of art materials (both two and three-dimensional) to express self</p> <p>CA4 Engages in pretend play with, or without, the use of props</p> <p>SE2 Demonstrates a positive self-concept by sharing preferences, expressing feelings freely and displaying confidence</p> |
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LANGUAGE AND LITERACY

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| <p>Symbolic Development</p> <p>Represents feeling and ideas in a variety of ways</p> <p>Listening and Understanding (Receptive Language)</p> <p>Listens for different purposes</p> <p>Speaking (Expressive Language)</p> <p>Uses language to communicate</p> <p>Develops and expands vocabulary</p> <p>Literacy – Reading</p> <p>Applies early reading skills</p> <p>Uses concepts about print</p> <p>Attends to sounds in language (phonological awareness)</p> <p>Writing</p> <p>Uses writing as a means of expression/communication</p> | <p>LD1 Understands spoken language</p> <p>LD2 Understands and then uses an ever-increasing vocabulary</p> <p>LD3 Uses language to express ideas, wants and needs</p> <p>LD4 Increasingly engages adults and other children in conversations</p> <p>LK1 Shows an interest in books and understands they are a way of sharing information</p> <p>LK2 Understands that language is made up of words, which can be broken down into syllables</p> <p>LK3 Begins to name letters and identify their sounds</p> <p>LK4 Understands concepts about print (e.g., reading from left to right, logos as symbols, etc.)</p> <p>LK5 Begins to use a variety of writing tools to use writing (invented or true) as a way to convey thoughts and ideas</p> |
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| MATH | |
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| <p>Counting and Cardinality Uses number to show quantity Uses language to represent number of objects Solves problems using number Uses numerical representations</p> <p>Operations and Algebraic Thinking Uses language to represent number of objects Uses numerical representations</p> <p>Number Operations in Base Ten Uses language to represent number of objects</p> <p>Measurement and Data Makes comparisons Uses measurement Collects, organizes and displays information (charting and graphing)</p> <p>Geometry Investigates positions and locations Explores shapes in the environment</p> | <p>MK1 Understands that numbers tell “how many”</p> <p>MK2 Recognizes that numerals go in a specific order</p> <p>MK3 Recognizes shapes and positional concepts</p> <p>MK4 Creates, imitates and/or extends patterns</p> <p>MK5 Utilizes measurement (standard and nonstandard) to compare and contrast objects (includes graphing)</p> <p>MK6 Sorts or groups objects based on common characteristics</p> |
| SCIENCE | |
| <p>Physical Science (Forces and Interactions) Explores physical properties of objects and materials Investigates properties of objects and materials Solves problems involving physical properties of objects and materials Represents observations of the physical world in a variety of ways</p> <p>Life Science Explores characteristics of living things Investigates characteristics of living things Solves problems related to living things Represents observations of living things in a variety of ways</p> <p>Earth (Weather and Climate) Explores properties of earth and sky Investigates properties of earth and sky Solves problems involving earth and sky Represents observations about earth and sky in a variety of ways</p> | <p>SK1 Utilizes observation and other senses to explore and gather information about objects and experiences</p> <p>SK2 Makes and tests predictions using simple experimentation</p> <p>SK3 Gathers information about the natural world through hands-on exploration</p> <p><i>NOTE: Please see the Gee Whiz yearly outline on our website (www.geewhizeducation.com) for more detailed information about science topics covered throughout the curriculum.</i></p> |
| UNDERSTANDING THE WORLD | |
| <p>Family – Explore family</p> <p>People and Communities Shows interest in people and the community Explores people and the community</p> <p>Technology Investigates mechanical devices Investigates electronic devices</p> | <p>SS1 Understands how families are unique and different</p> <p>SS2 Develops a basic understanding of community, including common jobs</p> <p>SS3 Recognizes the importance of caring for the environment</p> <p>SS4 Develops a basic understanding of how the past affects us and our community</p> |