

Alignment of Gee Whiz Education Curriculum with the Mississippi Early Standards (infants through 4)

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 Mississippi. Note that this alignment contains different sections are provided for birth-36 months, 3 years and 4 years.

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.

Mississippi Early Learning Standards (Birth through 36 months)	Gee Whiz Education Learning Indicators
APPROACHES TO LEARNING	
Emotional and Behavioral Self-Regulation Cognitive Self-Regulation (executive functioning) 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 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 SE3 Demonstrates self-regulation by handling emotions in an appropriate way and following simple rules
SOCIAL AND EMOTIONAL DEVELOPMENT	
Relationships with Adults Relationships with Other Children Emotional Functioning Sense of Identity and Belonging	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 SE3 Demonstrates self-regulation by handling emotions in an appropriate way and following simple rules SE4 Demonstrates a range of appropriate emotions AL3 Engages in cooperative group experiences

PERCEPTUAL, MOTOR AND PHYSICAL DEVELOPMENT

<p>Perception</p> <p>Gross Motor</p> <p>Fine Motor</p> <p>Health, Safety and Nutrition</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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LANGUAGE AND COMMUNICATION

<p>Attending and Understanding</p> <p>Communicating and Speaking</p> <p>Vocabulary</p> <p>Emergent Literacy</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>
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COGNITION

<p>Exploration and Discovery</p> <p>Memory</p> <p>Reasoning and Problem Solving</p> <p>Emergent Mathematical Thinking</p> <p>Imitation and Symbolic Representation and Play</p>	<p>SK1 Utilizes observation and other senses to explore and gather information about objects and experiences</p> <p>SK3 Gathers information about the natural world through hands-on exploration</p> <p>LR1 Demonstrates the ability to identify a problem and then seeks ways to solve it</p> <p>LR2 Understands that symbols or objects can be used to represent different things</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>MK6 Sorts or groups objects based on common characteristics</p>
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SPECIFIC AREAS FOR THREE-YEAR OLDS

READING STANDARDS	
<p>Literature: Key Ideas & Details Craft and Structure Integration of Knowledge and Ideas Range of Reading and Level of Text Complexity</p> <p>Informational Text: Key Ideas & Details Craft and Structure Integration of Knowledge and Ideas Range of Reading and Level of Text Complexity</p> <p>Foundational Skills: Print Concepts Phonological Awareness Fluency</p> <p>Writing: Text Types and Purposes Production and Distribution of Writing Research to Build and Present Knowledge Range of Writing</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>
SPEAKING AND LISTENING + LANGUAGE	
<p>Comprehension and Collaboration</p> <p>Presentation of Knowledge and Ideas</p> <p>Conventions of Standard English</p> <p>Knowledge of Language</p> <p>Vocabulary Acquisition and Use</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>
MATHEMATICS	
<p>Counting and Cardinality</p> <p>Operations and Algebraic Thinking</p> <p>Measurement and Data</p> <p>Geometry</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>

APPROACHES TO LEARNING	
Play Curiosity and Initiative Persistence and Attentiveness 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 SE3 Demonstrates self-regulation by handling emotions in an appropriate way and following simple rules
SOCIAL AND EMOTIONAL DEVELOPMENT	
Social Development: Build and maintain relationships with others Work productively toward common goals and activities Emotional Development: Demonstrate self-awareness of self and capabilities Recognize and adapt expressions, behaviors and actions	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 SE3 Demonstrates self-regulation by handling emotions in an appropriate way and following simple rules SE4 Demonstrates a range of appropriate emotions AL3 Engages in cooperative group experiences
SCIENCE	
Physical Science Life Science Earth and Space Science Technology	SK1 Utilizes observation and other senses to explore and gather information about objects and experiences SK2 Makes and tests predictions using simple experimentation SK3 Gathers information about the natural world through hands-on exploration <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>
PHYSICAL DEVELOPMENT	
Gross Motor Skills Fine Motor Skills Self-Care, Health and Safety Skills	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.)

SOCIAL STUDIES

<p>Family and Community</p> <p>Our World</p> <p>History and Events</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>
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CREATIVE EXPRESSION

<p>Dance</p> <p>Media Arts</p> <p>Music</p> <p>Theater</p> <p>Visual 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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SPECIFIC AREAS FOR FOUR-YEAR OLDS

READING STANDARDS

<p>Literature: Key Ideas & Details Craft and Structure Integration of Knowledge and Ideas Range of Reading and Level of Text Complexity</p> <p>Informational Text: Key Ideas & Details Craft and Structure Integration of Knowledge and Ideas Range of Reading and Level of Text Complexity</p> <p>Foundational Skills: Print Concepts Phonological Awareness Fluency</p> <p>Writing: Text Types and Purposes Production and Distribution of Writing Research to Build and Present Knowledge Range of Writing</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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SPEAKING AND LISTENING + LANGUAGE	
<p>Comprehension and Collaboration</p> <p>Presentation of Knowledge and Ideas</p> <p>Conventions of Standard English</p> <p>Knowledge of Language</p> <p>Vocabulary Acquisition and Use</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>
MATHEMATICS	
<p>Counting and Cardinality</p> <p>Operations and Algebraic Thinking</p> <p>Measurement and Data</p> <p>Geometry</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>
APPROACHES TO LEARNING	
<p>Play</p> <p>Curiosity and Initiative</p> <p>Persistence and Attentiveness</p> <p>Problem-Solving Skills</p>	<p>AL1 Shows interest in many topics and a desire to try new things</p> <p>AL2 Displays persistence when completing tasks and is able to avoid distractions</p> <p>AL3 Engages in cooperatives group experiences</p> <p>LR1 Demonstrates the ability to identify a problem and then seeks ways to solve it</p> <p>LR2 Understands that symbols or objects can be used to represent different things</p> <p>SE3 Demonstrates self-regulation by handling emotions in an appropriate way and following simple rules</p>
SOCIAL AND EMOTIONAL DEVELOPMENT	
<p>Social Development: Build and maintain relationships with others Work productively toward common goals and activities</p> <p>Emotional Development: Demonstrate self-awareness of self and capabilities</p> <p>Recognize and adapt expressions, behaviors and actions</p>	<p>SE1 Demonstrates a secure relationship with caregivers or other adults as well as positive interactions with other children</p> <p>SE2 Demonstrates a positive self-concept by sharing preferences, expressing feelings freely and displaying confidence</p> <p>SE3 Demonstrates self-regulation by handling emotions in an appropriate way and following simple rules</p> <p>SE4 Demonstrates a range of appropriate emotions</p> <p>AL3 Engages in cooperative group experiences</p>

SCIENCE	
Physical Science Life Science Earth and Space Science Technology	SK1 Utilizes observation and other senses to explore and gather information about objects and experiences SK2 Makes and tests predictions using simple experimentation SK3 Gathers information about the natural world through hands-on exploration <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>
PHYSICAL DEVELOPMENT	
Gross Motor Skills Fine Motor Skills Self-Care, Health and Safety Skills	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.)
SOCIAL STUDIES	
Family and Community Our World History and Events	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 basic understanding of how the past affects us and our community
CREATIVE EXPRESSION	
Dance Media Arts Music Theater Visual Arts	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 SE2 Demonstrates a positive self-concept by sharing preferences, expressing feelings freely and displaying confidence

A full version of the Mississippi Early Learning Standards used to create this alignment can be found at the following web address:

<https://www.mdek12.org/sites/default/files/documents/OAE/OEER/Early%20Childhood/Infants%20through%20Four-Year-Old%20Early%20Learning%20Standards%202018.05.16%20-%20APA.pdf>