

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

| | |
|---|---|
| Perception Gross Motor Fine Motor Health, Safety and Nutrition | 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.) |
|---|---|

LANGUAGE AND COMMUNICATION

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| Attending and Understanding Communicating and Speaking Vocabulary Emergent Literacy | LD1 Understands spoken language 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 LK1 Shows an interest in books and understands they are a way of sharing information |
|--|--|

COGNITION

| | |
|--|--|
| Exploration and Discovery Memory Reasoning and Problem Solving Emergent Mathematical Thinking Imitation and Symbolic Representation and Play | SK1 Utilizes observation and other senses to explore and gather information about objects and experiences SK3 Gathers information about the natural world through hands-on exploration 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 MK1 Understands that numbers tell "how many" MK2 Recognizes that numerals go in a specific order MK3 Recognizes shapes and positional concepts MK4 Creates, imitates and/or extends patterns MK6 Sorts or groups objects based on common characteristics |
|--|--|

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

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

SPECIFIC AREAS FOR FOUR-YEAR OLDS

READING STANDARDS

Literature:
Key Ideas & Details
Craft and Structure
Integration of Knowledge and Ideas
Range of Reading and Level of Text Complexity

Informational Text:
Key Ideas & Details
Craft and Structure
Integration of Knowledge and Ideas
Range of Reading and Level of Text Complexity

Foundational Skills:
Print Concepts
Phonological Awareness
Fluency

Writing:
Text Types and Purposes
Production and Distribution of Writing
Research to Build and Present Knowledge
Range of Writing

LK1 Shows an interest in books and understands they 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

| 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 | |
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| 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>