

ACCESS: PRE-K Cognition & General Knowledge

Strand: Cognitive Skills	Ohio Early Learning and Development Standards: Pre-Kindergarten Cognition & General Knowledge
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Memory

Communicate about past events and anticipate what comes next during familiar routines and experiences

With modeling and support remember and use information for a variety of purposes

Recreate complex ideas, events/situations with personal adaptations

Symbolic Thought

Demonstrate understanding that symbols carry meaning and use symbols to represent thinking

Participate cooperatively in complex pretend play, involving assigned roles and an overall plan

Reasoning and Problem Solving

Demonstrate ability to solve everyday problems based upon past experience

Solve problems by planning and carrying out a sequence of actions

Seek more than one solution to a question, problem or task

Explain reasoning for the solution selected

Child/Children Observed: _____



Anecdotal Record:

ACCESS: PRE-K Cognition & General Knowledge-MATH

Strand: Algebra

 Ohio Early Learning and Development Standards: Pre-Kindergarten
 Cognition and General Knowledge Sub Domain: Mathematics

Number Relationships
 Count to solve simple addition and subtraction problems with totals smaller than 8, using concrete objects

Group and Categorize
 Sort and classify objects by one or more attributes

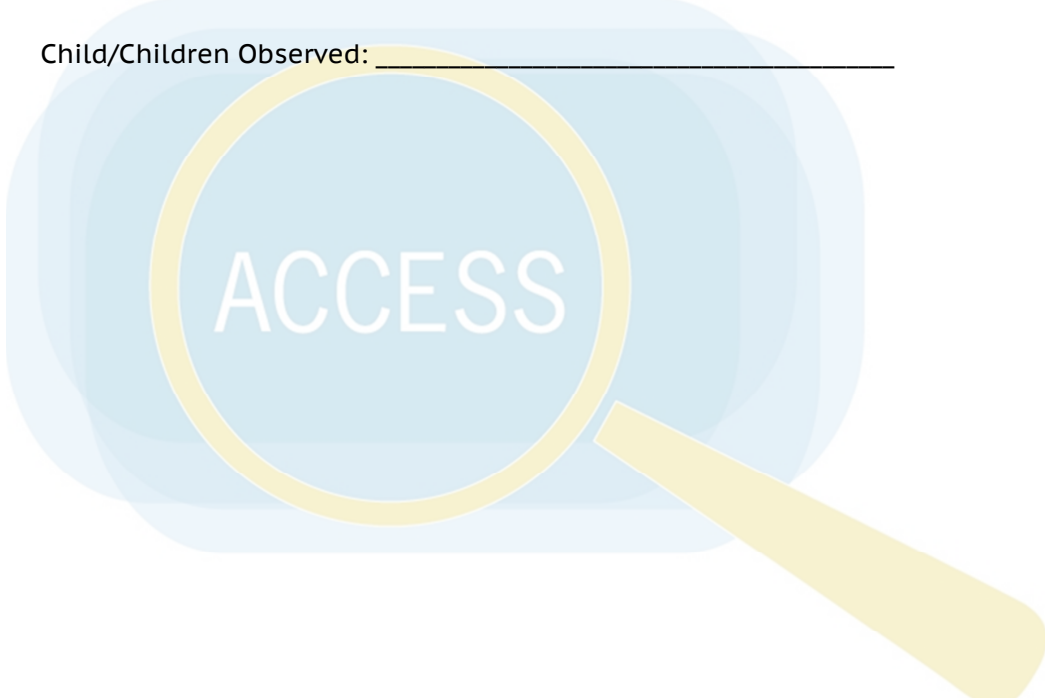
Patterning
 Recognize, duplicate and extend simple patterns using attributes such as color, shape, or size.

 Create patterns

Child/Children Observed: _____


Anecdotal Record:

ACCESS: PRE-K Cognition & General Knowledge-MATH

Strand: Geometry	Ohio Early Learning and Development Standards: Pre-Kindergarten Cognition and General Knowledge Sub Domain: Mathematics
<p><u><i>Spatial Relationships</i></u></p> <p><input type="checkbox"/> Demonstrate understanding of the relative position of objects using terms such as in/on/under, up/down, inside/outside, above/below, beside/between, in front of/behind and next to</p> <p><u><i>Identify and Describe Shapes</i></u></p> <p><input type="checkbox"/> Understand and use names of shapes when identifying objects</p> <p><input type="checkbox"/> Name three dimensional objects using informal, descriptive vocabulary</p> <p><u><i>Analyze, Compare, and Create Shapes</i></u></p> <p><input type="checkbox"/> Compare two-dimensional shapes, in different sizes and orientations, using informal language</p> <p><input type="checkbox"/> Create shapes during play by building, drawing, etc.</p> <p><input type="checkbox"/> Combine simple shapes to form larger shapes</p>	<p>Child/Children Observed: _____</p>  <p>Anecdotal Record:</p> <div style="border: 1px solid black; height: 150px; width: 100%;"></div>

ACCESS: PRE-K Cognition & General Knowledge-MATH

Strand: Measurement & Data

 Ohio Early Learning and Development Standards: Pre-Kindergarten
 Cognition and General Knowledge Sub Domain: Mathematics

Describe and Compare Measurable Attributes

- Describe and compare objects using measurable attributes
- Order objects by measurable attribute
- Measure length and volume using non-standard or standard measurement tools

Data Analysis

- Collect data by categories to answer simple questions

Child/Children Observed: _____


Anecdotal Record:

ACCESS: PRE-K Cognition & General Knowledge-MATH

<p>Strand: Number Sense</p>	<p>Ohio Early Learning and Development Standards: Pre-Kindergarten Cognition and General Knowledge Sub Domain: Mathematics</p>
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Number Sense & Counting

- Count to 20 by ones with increasing accuracy
- Identify and name numerals 1-9
- Identify without counting small quantities of up to 3 items (subsidize)
- Demonstrate one to one correspondence when counting objects up to 10
- Understand that the last number spoken tells the number of objects counted
- Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group up to 10

Child/Children Observed: _____



Anecdotal Record:

ACCESS: PRE-K Cognition & General Knowledge-SCIENCE

Strand: Earth, Space & Physical Science Ohio Early Learning and Development Standards: Pre-Kindergarten
Cognition and General Knowledge Sub Domain: Science

Explorations of the Natural World

- With modeling and support, recognize familiar elements of the natural environment and understand that these may change over time
- With modeling and support, develop understanding of the relationship between humans and nature; recognizing the difference between helpful and harmful actions toward the natural environment

Explorations of Energy

- With modeling and support, explore the properties of objects and materials
- With modeling and support, explore the position and motion of objects
- With modeling and support, explore the properties and characteristics of sound and light

Child/Children Observed: _____



Anecdotal Record:

ACCESS: PRE-K Cognition & General Knowledge-SCIENCE

Strand: Inquiry & Application	Ohio Early Learning and Development Standards: Pre-Kindergarten Cognition and General Knowledge Sub Domain: Science
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Inquiry

- Explore objects, materials and events in the environment
- Make careful observations
- Pose questions about the physical and natural environment
- Engage in simple investigations
- Describe, compare, sort, classify, and order
- Record observations using words, pictures, charts, graphs, etc.
- Use simple tools to extend investigation
- Identify patterns and relationships
- Make predictions
- Make inferences, generalizations and explanations based on evidence
- Share findings, ideas and explanations through a variety of methods

Child/Children Observed: _____



Anecdotal Record:

ACCESS: PRE-K Cognition & General Knowledge-SCIENCE

Strand: Life Science

 Ohio Early Learning and Development Standards: Pre-Kindergarten
 Cognition and General Knowledge Sub Domain: Science

Explorations of Living Things

- With modeling and support, identify physical characteristics and simple behaviors of living things
- With modeling and support, identify and explore the relationship between living things and their environments
- With modeling and support, demonstrate knowledge of body parts and bodily processes
- With modeling and support, demonstrate an understanding that living things change over time
- With modeling and support, recognize similarities and differences between people and other living things

Child/Children Observed: _____


Anecdotal Record:

ACCESS: PRE-K Cognition & General Knowledge-SOCIAL STUDIES

Strand: Economics	Ohio Early Learning and Development Standards: Pre-Kindergarten Cognition and General Knowledge Sub Domain: Social Studies
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Scarcity

With modeling and support, recognize that people have wants and must make choices to satisfy those wants because resources and materials are limited

Production and Consumption

With modeling and support, demonstrate an understanding of where goods and services originate and how they are acquired

With modeling and support, demonstrate responsible consumption and conservation of resources

Child/Children Observed: _____



Anecdotal Record:

ACCESS: PRE-K Cognition & General Knowledge-SOCIAL STUDIES

Strand: Geography/Government

Ohio Early Learning and Development Standards: Pre-Kindergarten
Cognition and General Knowledge Sub Domain: Social Studies

Spatial Thinking and Skills

Demonstrate a beginning understanding of maps as actual representations of places

Human Systems

Identify similarities and differences of personal, family, and cultural characteristics and those of others

Civil Participation and Skills

Understand that everyone has rights and responsibilities within a group

Demonstrate cooperative behaviors and fairness in social interactions

With modeling and support, demonstrate an awareness of the outcomes of choices

Rules and Laws

With modeling and support, demonstrate understanding that rules play an important role in promoting safety and protecting fairness

Child/Children Observed: _____



Anecdotal Record:

ACCESS: PRE-K Cognition & General Knowledge-SOCIAL STUDIES

Strand: History/Heritage	Ohio Early Learning and Development Standards: Pre-Kindergarten Cognition and General Knowledge Sub Domain: Social Studies
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Historical Thinking Skills

- Demonstrate an understanding of time in the context of daily experiences
- Develop an awareness of his/her personal history

Heritage

- Develop an awareness and appreciation of family cultural stories and traditions

Child/Children Observed: _____



Anecdotal Record: