

Growing With Mathematics

Pre-Kindergarten

Assessment: All assessment for Pre-K is based on student observations.

Unit 1 Same or Different?
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Time to Complete: At least 10 days

Learning Expectations

Recognize and name colors

Correctly use the terms <i>same</i> and <i>different</i> in relation to color.
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Correctly use the terms <i>same</i> and <i>different</i> in relation to texture

Unit 2 Big or Small? Short or Tall?
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Time to complete: At least 15 days

Learning Expectations

Correctly use the language of <i>big</i> and <i>small</i>

Correctly use the language of <i>short</i> , <i>long</i> , and <i>tall</i>
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Correctly use the language of <i>wide</i> and <i>narrow</i>

Unit 3 Space and Shape

Time to complete: At least 10 days

Learning Expectations

Correctly use language describing the position of an object such as <i>under</i> , <i>over</i> , <i>in back of</i> , <i>in front of</i> , <i>next to</i> , <i>outside</i> , <i>inside</i>

Understand and use language for describing and informally naming 3-D shapes such as <i>flat sides</i> , <i>round/not round</i> , <i>box shape</i> , <i>ball shape</i> , <i>can shape</i>
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Match 3-D shapes to pictures of shapes
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Unit 4 Sorting

Time to complete: At least 10 days

Learning Expectations

Sort objects according to a specified attribute or sorting rule

Describe how a group of objects has been sorted

Sort objects according to an appropriate self-selected attribute or sorting rule, and explain the sorting

Unit 5 Comparing and Ordering

Time to complete: At least 10 days

Learning Expectations

Order objects by a given attribute and describe the order

Explain and describe the rule used to order a set of objects by size

Sequence events in a logical order

Unit 6 One, Two, Three, Four, Five

Time to complete: At least 15 days

Learning Expectations

Say the numbers one to five in sequence

Count the number of objects in a group (numbers one to three)

Make groups of one, two, and three objects

Match number symbols 1, 2, and 3 to groups of objects

Unit 7 Design and Patterns

Time to complete: At least 10 days

Learning Expectations

Demonstrate pattern through actions

Identify and describe patterns as stripes and spots

Participate in creating a pattern

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Unit 8

Focus on Four

Time to complete: At least 10 days

Learning Expectations

Count the objects in a group (up to four)

Make groups of up to four objects

Math number symbols 1-4 to groups of objects

Unit 9

Focus on Five

Time to complete: At least 10 days

Learning Expectations

Count the objects in a group (up to five)

Make groups of up to five objects

Math number symbols 1-5 to groups of objects

Unit 10

Heavy or Light? More or Less?

Time to complete: At least 15 days

Learning Expectations

Identify and describe an object as *heavy* or *light*

Understand and use language such as *empty*, *full*, *more*, and *less* in relation to capacity

Identify and describe quantities in terms of *more* or *less* (*fewer*)

Unit 11

Shapes and Patterns

Time to complete: At least 10 days

Learning Expectations

Correctly identify a *triangle*, *square*, and *circle*, and understand and use language for describing these shapes

Describe and continue a repeating pattern

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Create a repeating pattern

Unit 12

Numbers in Order

Time to complete: At least 10 days

Learning Expectations

Place objects in a stated order: first, second, third, last

Say the numbers one to ten in sequence

Match number symbols 1-6 to groups of objects

Place pictures showing one to six objects in correct order