



## Month: October Week: 3 Subject: Mathematics

Day 1	Topic(s)	Foundation(s)
	Theme: Under Construction; Learning In Progress Number: 12 Letter: Ff Color: Black Shape: Triangle	<b>M1.1</b> Demonstrate strong sense of counting  <b>M1.3</b> Recognition of number relations
Indicators		
	Younger Preschool	Older Preschool
	May count trucks with support up to 5 or 10.	May count to 12 independently and explore simple number combinations that equal 12.

### Activity: **Count 12 Trucks**

Children will use toy trucks to practice counting to 12. Younger preschoolers will focus on pointing and saying one number for each truck. Older preschoolers will practice grouping trucks into sets (6+6, 10+2, 4+4+4) to see how smaller numbers add up to 12. Teachers can extend by writing number sentences (e.g., 6+6=12) and having older children model them with trucks.

Resources/Materials <ul style="list-style-type: none"> <li>12 toy trucks or cars</li> <li>Number cards</li> </ul>	Key Vocabulary: count, trucks, more, less, equal, twelve	Support:
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## Month: October Week: 3 Subject: Mathematics

<b>Day 2</b>	<b>Topic(s)</b>	<b>Foundation(s)</b>
	Theme: Under Construction; Learning In Progress Number: 12 Letter: Ff Color: Black Shape: Triangle	<b>M4.2</b> Exhibit ability to identify, describe, analyze, compare, and create shapes
<b>Indicators</b>	<b>Younger Preschool</b>	<b>Older Preschool</b>
	May identify triangle shapes in the classroom or on signs.	May describe triangle attributes (3 sides, 3 corners) and compare triangles with other shapes.

### Activity: **Triangle Shape Hunt**

Teachers will introduce the triangle and highlight its 3 sides and 3 corners. Children will go on a classroom or playground “shape hunt” to find triangles in construction signs, blocks, or toys. Younger preschoolers will point to and name triangles, while older preschoolers will compare triangles to squares or rectangles and draw their own. Teachers may extend by asking older children to build a triangle road sign with craft sticks.

Resources/Materials <ul style="list-style-type: none"> <li>Shape cards (triangle, square, rectangle, circle)</li> <li>Craft sticks</li> <li>Clipboards with paper and crayons</li> </ul>	Key Vocabulary: triangle, sides, corners, shapes, compare	Support:
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<b>Day 3</b>	<b>Topic(s)</b>	<b>Foundation(s)</b>
	Theme: Under Construction; Learning In Progress Number: 12 Letter: Ff Color: Black Shape: Triangle	<b>M5.2</b> Understand measurement through description and comparison  <b>M4.1</b> Understanding of spatial relationships
<b>Indicators</b>	<b>Younger Preschool</b>	<b>Older Preschool</b>
	May compare towers by saying “tall” or “short.”	May use nonstandard tools (blocks, cubes) or rulers to measure tower height.

### Activity: **Tower Measuring**

Children will build towers with blocks and compare their sizes. Younger preschoolers will use simple words like “taller” and “shorter” to describe their towers. Older preschoolers will use cubes or rulers to measure the height of their towers and record the number. Teachers may extend by challenging older preschoolers to build the tallest tower possible with a set number of blocks.

Resources/Materials <ul style="list-style-type: none"> <li>• Building blocks or cubes</li> <li>• Rulers or measuring tapes</li> </ul>	Key Vocabulary: tall, short, measure, height, compare	Support:
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## Month: October Week: 3 Subject: Mathematics

<b>Day 4</b>	<b>Topic(s)</b>	<b>Foundation(s)</b>
	Theme: Under Construction; Learning In Progress Number: 12 Letter: Ff Color: Black Shape: Triangle	<b>M3.1</b> Demonstrate understanding of classifying
<b>Indicators</b>	<b>Younger Preschool</b>	<b>Older Preschool</b>
	May sort rocks by one attribute such as big/small.	May sort rocks by two or more attributes (size, color, texture).

### Activity: **Rock Sorting**

Children will explore a bin of rocks and practice sorting them into groups. Younger preschoolers may sort by one characteristic (big vs. small). Older preschoolers will be encouraged to find more than one way to sort, such as by color, texture, or weight. Teachers can extend by asking older children to make a chart of their sorting groups and count how many rocks are in each category.

Resources/Materials <ul style="list-style-type: none"> <li>• Small collection of rocks</li> <li>• Sorting trays or containers</li> </ul>	Key Vocabulary: sort, big, small, smooth, rough, color	Support:
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## Month: October Week: 3 Subject: Mathematics

<b>Day 5</b>	<b>Topic(s)</b>	<b>Foundation(s)</b>
	Theme: Under Construction; Learning In Progress Number: 12 Letter: Ff Color: Black Shape: Triangle	<b>M2.2</b> Demonstrate awareness of patterning
<b>Indicators</b>	<b>Younger Preschool</b>	<b>Older Preschool</b>
	May copy a simple AB pattern (yellow - black).	May create more complex patterns (AAB, ABB, ABC).

### Activity: **Road Pattern Making**

Teachers will set up strips of black paper for “roads” and provide yellow tape or markers for “lines.” Children will practice making road patterns. Younger preschoolers may copy or extend simple AB patterns, while older preschoolers will create more complex sequences using tape, stickers, or chalk. Teachers can extend by asking older children to predict what comes next in a longer pattern.

<b>Resources/Materials</b> <ul style="list-style-type: none"> <li>Black construction paper (roads)</li> <li>Yellow tape or markers (lines)</li> </ul>	<b>Key Vocabulary:</b> pattern, road, repeat, line, sequence	<b>Support:</b>
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