



## Month: October Week: 4 Subject: Mathematics

Day 1	Topic(s)	Foundation(s)
	Theme: Plants Number: 13 Letter: Gg Color: Red Shape: Oval	<b>M1.1</b> Demonstrate strong sense of counting <b>M2.1</b> Exhibit understanding of mathematical structure
Indicators	Younger Preschool	Older Preschool
	Counts objects using one-to-one correspondence.	Combines two groups of objects and identifies the total.

### Activity: **Flower & Plant Addition Worksheet**

Begin by introducing the concept of adding two groups together. Use flower visuals or counters to show how adding petals and stems can make a new total. Model several examples on the board before passing out the **Flower & Plant Addition** worksheet. Students will count, color, and write the number sentences to find out how many in all. Reinforce addition vocabulary such as *plus*, *equals*, and *total* through repetition and guided discussion.

Resources/Materials <ul style="list-style-type: none"> <li>Flower &amp; Plant Addition worksheet</li> <li>Counting manipulatives (plastic flowers, buttons, cubes)</li> </ul>	Key Vocabulary: add, total, count	Support:
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## Month: October Week: 4 Subject: Mathematics

Day 2	<b>Topic(s)</b>		<b>Foundation(s)</b>	
	Theme: Plants Number: 13 Letter: Gg Color: Red Shape: Oval		M3.1 Demonstrate understanding of classifying M1.3 Recognition of number relations	
Indicators				
	<b>Younger Preschool</b>		<b>Older Preschool</b>	
	Sorts and classifies objects by one attribute.		Collects simple data and interprets which group has more or less.	

### Activity: October Roll & Graph Worksheet

Introduce the idea of collecting and comparing data. In small groups, students will use a die featuring fall-themed images. Each time they roll, they color the matching space on their **October Roll & Graph** worksheet. After several rounds, compare which item has the most or least rolls. Discuss what the graph tells us about the results, encouraging students to use comparison words like *more than* and *less than*.

Resources/Materials <ul style="list-style-type: none"> <li>October Roll &amp; Graph worksheet</li> <li>Themed dice (pumpkin, leaf, apple, etc.)</li> </ul>	Key Vocabulary: more, less, graph	Support:
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## Month: October Week: 4 Subject: Mathematics

<b>Day 3</b>	<b>Topic(s)</b>	<b>Foundation(s)</b>
	Theme: Plants Number: 13 Letter: Gg Color: Red Shape: Oval	<b>M1.1</b> Demonstrate strong sense of counting <b>M2.2</b> Demonstrate awareness of patterning
<b>Indicators</b>	<b>Younger Preschool</b>	<b>Older Preschool</b>
	Counts a small set of objects with help.	Compares quantities using counting and descriptive language.

### Activity: **Compare & Count Seeds**

Show students a variety of seeds (such as sunflower, bean, or apple seeds) and allow them to explore using magnifying glasses. Children will count how many of each type they have and record their results using tally marks or sticker dots. After counting, they'll compare which seed group has more, fewer, or the same number. This hands-on activity encourages observation, fine motor skills, and early data comparison.

Resources/Materials <ul style="list-style-type: none"> <li>Mixed seed samples (sunflower, bean, corn)</li> <li>Small cups or trays</li> <li>Magnifying glasses, stickers</li> </ul>	Key Vocabulary: count, more, fewer	Support:
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<b>Day 4</b>	<b>Topic(s)</b>	<b>Foundation(s)</b>
	Theme: Plants Number: 13 Letter: Gg Color: Red Shape: Oval	<b>M2.2</b> Demonstrate awareness of patterning <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>
	Creates simple AB patterns with guidance.	Extends AB and ABC patterns using colors, shapes, or objects.

### Activity: **Pattern Garden Building**

Introduce simple AB patterns using two colored flower cutouts (e.g., red-yellow-red-yellow). Once students understand, challenge them to extend the pattern or make their own using paper flowers, unifix cubes, or playdough petals. Discuss how patterns repeat and how we can find them in nature, like petals or leaves. Students will share their “pattern gardens” with classmates and describe the sequence they created.

Resources/Materials <ul style="list-style-type: none"> <li>Colored paper flowers or unifix cubes</li> <li>Glue sticks or mats for building patterns</li> </ul>	Key Vocabulary: pattern, repeat, color	Support:
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## Month: October Week: 4 Subject: Mathematics

<b>Day 5</b>	<b>Topic(s)</b> Theme: Plants Number: 13 Letter: Gg Color: Red Shape: Oval	<b>Foundation(s)</b> <b>M1.2</b> Demonstrate understanding of written numerals <b>M1.3</b> Recognition of number relations
<b>Indicators</b>	<b>Younger Preschool</b>	<b>Older Preschool</b>
	Matches groups of objects to corresponding numerals.	Identifies numerals and counts to represent quantities up to 13.
<p>Activity: <b>Number Match - Pots &amp; Seeds</b></p> <p>Review numbers 1-13 with students. Provide number cards shaped like flower pots and matching “seeds” with dot quantities. Students will count the dots and place the correct number pot next to the matching seed group. Once complete, they can trace or write the numbers independently for extra practice. Encourage verbal counting together as a class to strengthen fluency and number recognition.</p>		
<b>Resources/Materials</b> <ul style="list-style-type: none"> <li>• Number pot cards (1-13)</li> <li>• Seed counters or dot cards</li> </ul>	<b>Key Vocabulary:</b> number, match, count	<b>Support:</b>