



Month: August Week: 4 Subject: Mathematics

Day 1	Topic(s)	Foundation(s)
	Review Week	M1.1 Demonstrate strong sense of counting M1.3 Recognition of number relations
Indicators	Younger Preschool	Older Preschool
	May count aloud while stamping fish and match one-to-one up to 5.	May count and compare groups, recognizing which has more or fewer.

Activity: Stamp & Count Fish

Children will use fish stamps or cutouts to practice counting. Each child stamps fish onto paper, counting aloud as they go. Younger preschoolers may only stamp a few fish at a time, focusing on one-to-one correspondence. Older preschoolers will stamp larger sets and compare amounts (“Who has more fish? Who has fewer?”). At the end, the class will display their fish stamp papers and count together.

Older Preschool Challenge (within activity): Encourage older children to write the numeral that matches their total number of fish.

Resources/Materials <ul style="list-style-type: none"> • Fish stamps or cutouts • Ink pads or crayons 	Key Vocabulary: count, more, fewer	Support:
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Day 2	Topic(s)	Foundation(s)
	Review Week	<p>M4.1 Understanding of spatial relationships</p> <p>M4.2 Identify, describe, analyze, compare, and create shapes</p>
Indicators	Younger Preschool	Older Preschool
	May identify rectangles in snack items with teacher support.	May describe attributes of rectangles and compare with other shapes.

Activity: Rectangle Snack Shapes

During snack time, children will explore shapes in their food. The teacher provides crackers, cheese slices, or fruit cut into rectangles. Younger preschoolers will be guided to point out rectangle shapes, while older preschoolers will describe what makes it a rectangle (sides, corners). The teacher will invite comparisons between rectangles and other shapes they know. This simple, hands-on activity combines math learning with snack enjoyment.

Older Preschool Challenge (within activity): Ask older children to arrange rectangular snacks into new shapes or patterns.

Resources/Materials <ul style="list-style-type: none"> • Rectangular crackers or cheese slices • Fruit cut into rectangles • Napkins/plates 	Key Vocabulary: rectangle, sides, corners	Support:
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Month: August Week: 4 Subject: Mathematics

Day 3	Topic(s)	Foundation(s)
	Review Week	M1.2 Demonstrate understanding of written numerals M1.3 Recognition of number relations
Indicators	Younger Preschool	Older Preschool
	May match numbers to sets of objects with support.	May independently match numerals to sets and compare quantities.

Activity: Ferris Wheel Number Match

Children will play a matching game using a “Ferris Wheel” board with seats labeled by numbers. The teacher provides picture cards showing sets of items (3 balloons, 5 fish). Younger preschoolers will match simple sets to the correct numeral, while older preschoolers will match larger sets and compare which has more or fewer. This fair-themed activity makes number recognition engaging and playful.

Older Preschool Challenge (within activity): Invite children to write the numeral for the set before placing it on the Ferris Wheel.

Resources/Materials <ul style="list-style-type: none"> • Ferris Wheel board (poster or felt board) with numerals 1-5 • Picture cards with sets (balloons, fish, tickets, etc.) 	Key Vocabulary: number, match, set	Support:
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Month: August Week: 4 Subject: Mathematics

Day 4	Topic(s)	Foundation(s)
	Review Week	<p>M3.1 Demonstrate understanding of classifying</p> <p>M5.2 Understand measurement through description and comparison</p>
Indicators	Younger Preschool	Older Preschool
	May place a picture or sticker on a graph with teacher support.	May help compare graph results and describe which choice had more or fewer.

Activity: Graph the Class (Favorites)

The teacher poses a simple question (e.g., “Which book was your favorite? Which snack did you like best?”). Children place a picture or sticker in the column that matches their choice. Younger preschoolers will participate by placing one item, while older preschoolers will discuss results, identifying which choice has more or fewer votes. As a class, review the graph and talk about the results, introducing the concept of data collection.

Older Preschool Challenge (within activity): Have older children count each column and state the exact number aloud.

Resources/Materials <ul style="list-style-type: none"> • Large chart paper or pocket chart • Stickers or picture cards representing choices • Markers 	Key Vocabulary: graph, more, less	Support:
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Month: August Week: 4 Subject: Mathematics

Day 5	Topic(s)	Foundation(s)
	Review Week	<p>M1.1 Demonstrate strong sense of counting</p> <p>M2.2 Demonstrate awareness of patterning</p>
Indicators	Younger Preschool	Older Preschool
	May roll a die and count dots with support.	May count independently and repeat spins, noticing patterns.

Activity: “How Many Spins?” Dice Game

Children will roll a die and spin a classroom spinner or toy that many times, counting aloud together. Younger preschoolers will need help counting dots and spins, while older preschoolers will count independently and notice repeating patterns (e.g., “I rolled a 3 two times in a row”). The game builds number sense, counting fluency, and introduces pattern recognition in a fun and active way.

Older Preschool Challenge (within activity): Encourage older children to record their rolls and spins on paper, then compare results with a partner.

Resources/Materials <ul style="list-style-type: none"> • Dice (large foam dice preferred) • Classroom spinner or toy top 	Key Vocabulary: roll, count, spin	Support:
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