



Month: March Week: 3 Subject: Mathematics

Day 1	Topic(s) Theme: Birds & Eggs Discovery Number: 9 Letter: Hh Color: Purple Shape: Rectangle	Foundation(s) M3.1 Demonstrate understanding of classifying
Indicators	Younger Preschoolers	Older Preschoolers
	Can sort objects by one characteristic (color, size, or shape).	Can sort objects by multiple characteristics and explain their sorting choices.
Activity: The teacher will provide a basket of plastic eggs and encourage children to sort them by color and count them out loud. Younger preschoolers will count along with the teacher, while older preschoolers will be challenged to group 9 eggs together and explain their sorting choices. After the hands-on activity, older preschoolers will receive a Number 9 worksheet where they will trace the number, write it, and color 9 objects to reinforce numeral recognition and writing practice. Challenge for Older Preschoolers: Older preschoolers will be asked to sort eggs in two ways (e.g., first by color, then by size). They will also be encouraged to create a simple graph to show how many eggs are in each group.		
Resources/Materials • Plastic or paper eggs in various colors and sizes • Sorting trays or baskets • Number 9 Worksheet	Key Vocabulary: Sort, same, different	Support:



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Day 2	Topic(s)	Foundation(s)
	Theme: Birds & Eggs Discovery Number: 9 Letter: Hh Color: Purple Shape: Rectangle	M4.2 Exhibit ability to identify, describe, analyze, compare, and create shapes
Indicators	Younger Preschoolers	Older Preschoolers
	Can recognize and name a rectangle when shown different shapes.	Can describe the characteristics of a rectangle and compare it to other shapes.
Activity: The teacher will introduce the rectangle shape and discuss its attributes (four sides, two longer and two shorter). Children will then use wooden blocks, popsicle sticks, or foam shapes to build rectangles. The teacher will guide them by saying, “<i>Can you build a big rectangle? What happens if you turn it?</i>” Children will also compare rectangles to other shapes to reinforce understanding. Challenge for Older Preschoolers: Older preschoolers will be challenged to find rectangles in the classroom and describe how they are used (e.g., doors, tables, books). They will also be asked to combine two smaller rectangles to make a larger shape and discuss how shapes fit together.		
Resources/Materials	Key Vocabulary:	Support:
- Wooden blocks or foam shapes - Popsicle sticks - Classroom objects shaped like rectangles	Rectangle, side, long	

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Day 3	Topic(s)	Foundation(s)
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Preschool Curriculum

	Theme: Birds & Eggs Discovery Number: 9 Letter: Hh Color: Purple Shape: Rectangle	M1.1 Demonstrate strong sense of counting
Indicators	Younger Preschoolers	Older Preschoolers
	Can count objects up to 9 with guidance.	Can count objects up to 9 independently and recognize written numerals.
Activity: Children will roll a die and count out the correct number of birdseed pieces, beans, or pom-poms onto a small bird feeder tray or cup. The teacher will encourage one-to-one correspondence by having children touch and count each seed as they place it. After counting, the teacher will ask, “<i>How many seeds do you have? What happens if we add one more?</i>” Challenge for Older Preschoolers: Older preschoolers will be encouraged to write the number they rolled and match it to the written numeral. They will also be asked to compare their number to a friend’s and determine who has more or fewer seeds.		
Resources/Materials • Dice • Small tray or cups • Birdseed, beans, or pom-poms	Key Vocabulary: Count, more, less	Support:

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Day 4	Topic(s)	Foundation(s)
	Theme: Birds & Eggs Discovery	M2.2 Demonstrate awareness of



	Number: 9 Letter: Hh Color: Purple Shape: Rectangle	patterning
Indicators	Younger Preschoolers	Older Preschoolers
	Can recognize and continue a simple AB pattern.	Can create their own patterns using at least two different characteristics.
Activity: The teacher will provide colored paper eggs or egg stickers in different colors and sizes. Children will be asked to identify and complete simple AB patterns (e.g., red egg, blue egg, red egg, blue egg). Once they understand, they will have the chance to create their own patterns using the eggs. The teacher will ask, “<i>What pattern did you make? What comes next?</i>” After practicing with eggs, children will complete a Bird Pattern Worksheet, where they will cut and paste birds into the correct sequence or glue the missing bird to complete the pattern. Challenge for Older Preschoolers: Older preschoolers will be asked to create a more complex pattern (e.g., AAB, ABB, ABC). They will also be encouraged to describe their pattern using words and predict what comes next if the pattern continues.		
Resources/Materials	Key Vocabulary:	Support:
- Colored paper eggs or stickers - Pattern strips or trays	Pattern, next, repeat	

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Day 5	Topic(s)	Foundation(s)
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	Theme: Birds & Eggs Discovery Number: 9 Letter: Hh Color: Purple Shape: Rectangle	M5.2 Understand measurement through description and comparison
Indicators	Younger Preschoolers	Older Preschoolers
	Can compare two objects and describe which is longer or shorter.	Can measure objects using non-standard units (e.g., linking cubes, fingers, or paper clips).
Activity: The teacher will introduce the concept of measuring by showing different-sized feathers and asking, “<i>Which feather is the longest? Which is the shortest?</i>” Children will take turns using non-standard measuring tools such as linking cubes or strips of paper to measure the length of each feather. The teacher will guide them in comparing the lengths and recording their findings. Challenge for Older Preschoolers: Older preschoolers will be challenged to measure a feather using two different tools (e.g., counting cubes vs. paper clips) and compare the results. They will also be asked to put three feathers in order from shortest to longest and explain their thinking.		
Resources/Materials	Key Vocabulary:	Support:
- Real or craft feathers in different sizes - Linking cubes or paper strip ruler	Measure, long, short	