



Good mathematicians know that we experience many situations in daily life that require counting. In this learning plan, students will practice counting forward from 1-10, through multisensory activities and repeated practice.

1

STANDARDS

Preschool Learning Foundations.1.1.

Recite numbers in order to ten with increasing accuracy.

OBJECTIVES

- ✓ Students will be able to count forward to 10.
- ✓ Students will be able to begin associating quantities with written numerals.

GUIDING QUESTIONS

How many _ _ _ is this?
What number comes next?

MATERIALS

- Paper plates
- Finger paint
- Clay
- Pom poms
- Clothespins (1 per student)
- Crayons
- Scissors
- Ice Cream Counting worksheet
- Counting Cupcakes worksheet
- How Long is the Caterpillar? worksheet
- Count by Coloring worksheet
- Match the Numbers Game worksheet
- Let's Count! worksheet





MATERIALS (CONTINUED)

- Chart paper and markers
- Dot paint markers (optional)
- Picture books that showcase counting to 10 (see suggested titles in daily plans)
- Pipe cleaners (1 per student)
- Beads to fit on pipe cleaners (10 per student)
- Cupcake wrappers (10 per student)

ASSESSMENTS

Formative assessments and checks for understanding occur throughout the lesson:

- Students' ability to count numbers from 1-10
- Students' work during guided and independent practice

Summative Assessment:
Let's Count!

DIFFERENTIATION STRATEGIES

- For students struggling with counting, allow them to work with smaller numbers like 1-5 first before progressing to counting to ten.
- Help students to create a personal counting book with pictures and numbers increasing from 1-to 10 to keep with them as a visual support as they work.

EXTENSION ACTIVITIES

- For students ready for a challenge, give them larger numbers to work with from 10-20.
- Ask students to organize classroom supplies into groups up to 20, such as creating groups of 20 pencils or 18 books.



ACTIVITY OVERVIEW

Activity 1

Ice Cream Counting

Students use a multisensory approach to practice counting to 10.

Activity 2

Guided Practice

Students use clay and finger paint to explore counting from 1-10.

Activity 3

Independent Practice

Students use objects and coloring to practice counting from 1-10.

Activity 4

Match the Numbers Game

Students play a game to practice counting from 1-10.

Activity 5

Let's Count!

Students demonstrate an understanding about counting forward from 1-10.

ACTIVITY 1: ICE CREAM COUNTING

- Prepare a chart ahead of time with numbers 1-10 written horizontally. Make sure the numbers are spread out enough that you will be able to represent the quantity with dots underneath each number.
- Gather students and explain that they will be practicing counting to 10.
- Read aloud a picture book that showcases counting to 10, such as *Ten Apples Up On Top*, by Dr. Seuss.
- Ask students to count the numbers on the chart while you draw and fill in circles underneath each number to show the quantity. Alternatively, you can use dot paint markers and ask students to help you represent the quantity.
- Give each student a pipe cleaner with 10 beads on it. Ask students to count the beads. Ask students to slide all the beads to one side of the pipe cleaner.
- Call out a number while you point to it on the chart and ask students to slide that number of beads over as they count. Counting and sliding can be done as a whole class activity or individually.
- Continue calling out numbers while students practice sliding and counting their beads.
- When students have had enough practice, distribute the Ice Cream Counting worksheet and a plate with a small amount of finger paint on it. Explain the directions.
 - Students will use a finger to dip into the paint and make ice cream scoops on top of each cone. The number of ice cream scoops they make should match the number on the cone. Encourage students to count aloud and to recount their scoops when they finish to check their work.
- Circulate and support students as needed.

**ACTIVITY 2: GUIDED PRACTICE**

- Gather students and review the chart from Activity 1. Invite students to count with you from 1 to 10.
- Read aloud a picture book that showcases counting to 10, such as *How Do Dinosaurs Count to Ten?*, by Jane Yolen.
- Distribute the Counting Cupcakes worksheets and clay to each student. Explain the directions.
 - Students will look at the number on the bottom of each cupcake and use their clay to create that many balls to symbolize sprinkles on top of each cupcake. Encourage students to count as they add sprinkles to the cupcakes. This can be done as a whole group activity or with students working individually at their own pace.
- When students have finished, distribute the *How Long is the Caterpillar?* worksheet, and a plate with a small amount of finger paint on it. Explain the directions. Students will dip their fingers in the paint and use it to create circles for the caterpillar's body. The number of circles is determined by the number at the beginning of each row.
- Encourage students to count aloud as they add dots and recount to check their work at the end.

ACTIVITY 3: INDEPENDENT PRACTICE

- Ask students to help lead a review of the class chart from Activity 1. Encourage volunteers to count the dots under each number in order.
- Read aloud a picture book that showcases counting to 10, such as *Ten Black Dots*, by Donald Crews.
- Distribute ten cupcake wrappers, a pile of small pom poms, and a clothespin to each student. Write one number on the bottom inside of each cupcake wrapper.
- Students will use their clothespin to take one pom pom at a time and fill each cupcake wrapper, according to the number inside the cupcake wrapper. Encourage students to count aloud as they add pom poms to each wrapper.
- When students have finished filling the cupcake wrappers, distribute the *Count by Coloring* worksheet and explain the directions. Students will look at the number at the beginning of each row and color in that many pictures.
- Encourage students to count aloud as they work, and then recount after they finish each row to check their work.

**ACTIVITY 4: MATCH THE NUMBERS GAME**

- Display the chart from Activity 1. Call out numbers out of order from the chart and count to that number together.
- Distribute the Match the Numbers Game worksheet and ask students to cut out the cards, or cut out the cards ahead of time. Only one set of game cards is needed per partnership.
- In partnerships, students will shuffle the cards and lay them out facing down between players. Students will take turns turning over two cards and counting the quantities on each card. If the quantities match, they keep the cards and take another turn. If they do not match, students will turn the cards back, and the turn is over.
- Play continues until all cards have been matched. The player with the most matches wins.

ACTIVITY 5: LET'S COUNT!

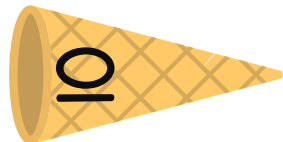
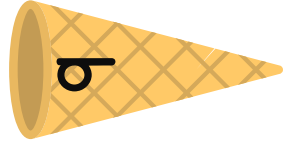
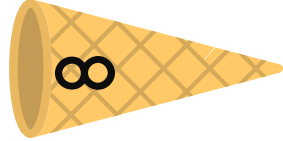
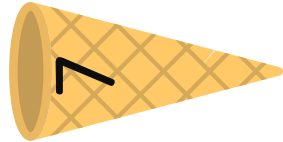
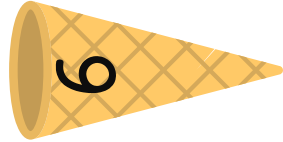
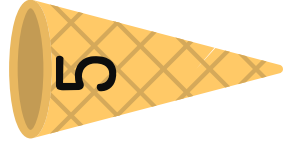
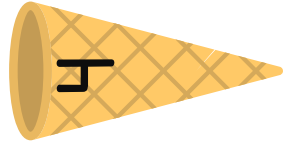
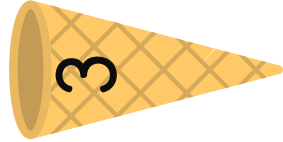
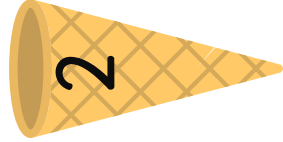
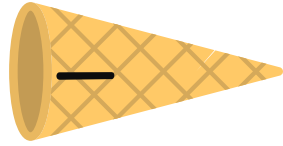
- Call up a group of students. The number should not exceed 10. Ask students to count the group of students together. Repeat the activity until students have had a chance to practice counting numbers 1-10.
- Distribute the Let's Count! worksheet and explain the directions. In the first section, students will count and color a certain number of pictures based on the number at the top of each column. In the second section, students will count and circle a certain number of objects based on the number at the top of each column.
- Encourage students to complete the assessment independently.

NAME _____

DATE _____

ICE CREAM COUNTING

Directions: Look at the number on each cone. Use your finger paint to add the correct number of ice cream scoops onto each cone! For example, if the number is 1, make one dot with your finger on top of the cone.



NAME _____

DATE _____

COUNTING CUPCAKES

Directions: Look at the number on each cupcake wrapper. Use clay to add that many sprinkles to your cupcake! Count as you add each one. Then, count them again when you finish to check your work.



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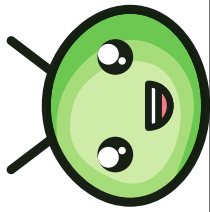


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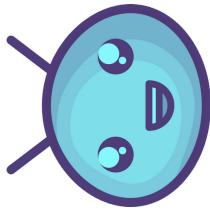
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HOW LONG IS THE CATERPILLAR?

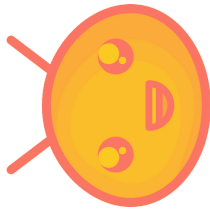
Directions: Look at the number at the beginning of each row. Help build each caterpillar's body by adding that number of circles using finger paint. For example, if the row starts with number 3, that caterpillar should have 3 dots on the body.



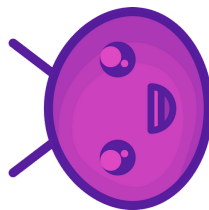
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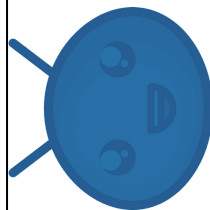
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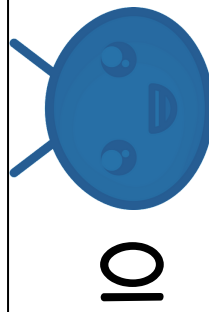
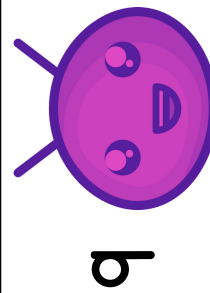
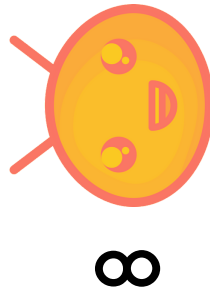
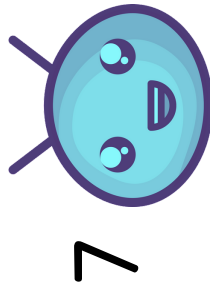
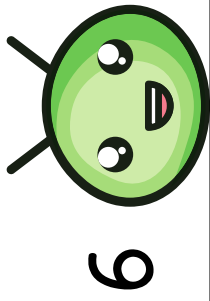
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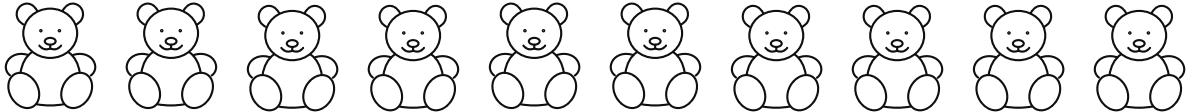

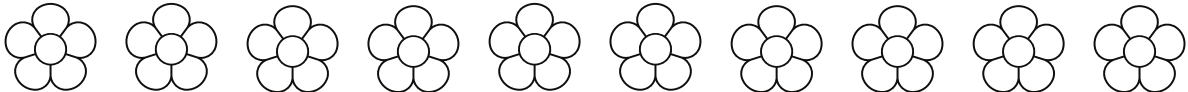
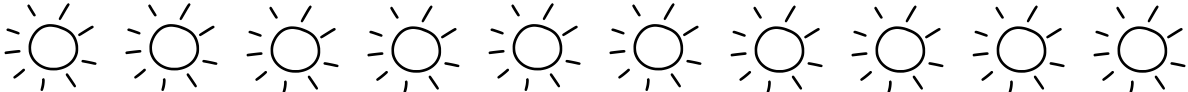
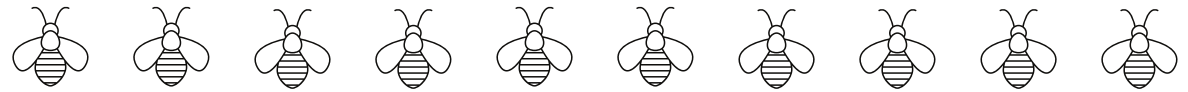

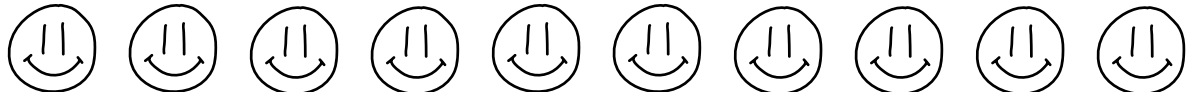
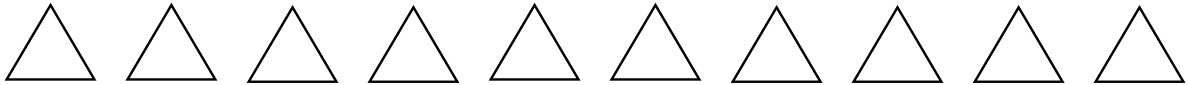
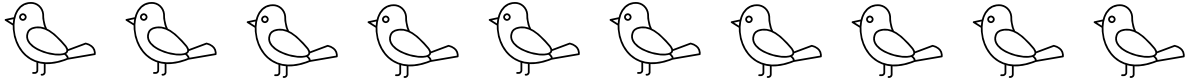
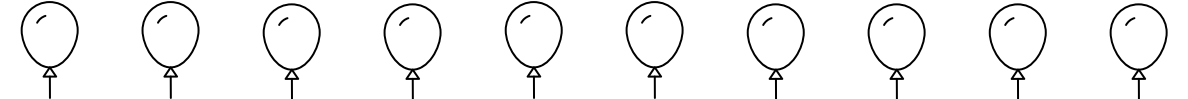


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COUNT BY COLORING

Directions: Look at the number at the beginning of each row. Color in that many pictures in each row. Count as you color, and then count again when you are finished to check your work.

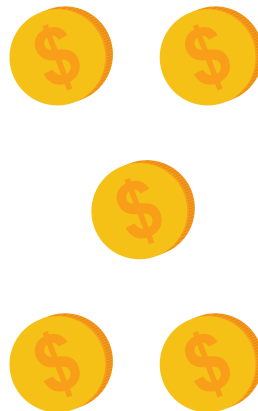
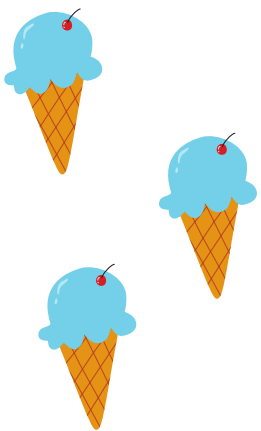
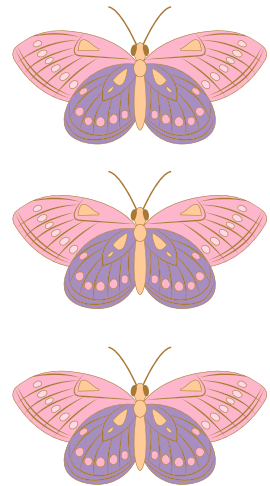
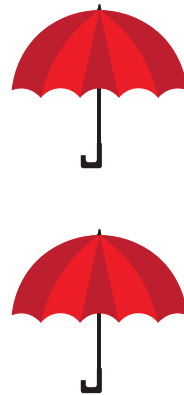
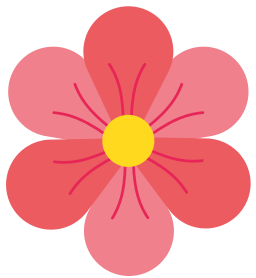
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MATCH THE NUMBERS GAME

Directions: Cut out the cards below. Shuffle them and lay them out facing down between players. Take turns with your partner flipping over two cards. Count how many objects are shown on each card. If the numbers match, keep the cards and take another turn! If they don't match, turn both cards back over and end your turn. Continue playing until all cards are matched.



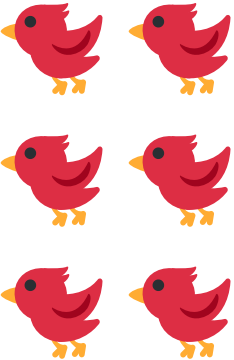
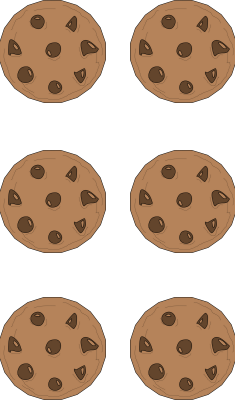
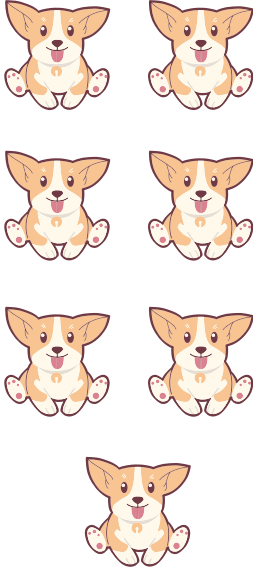
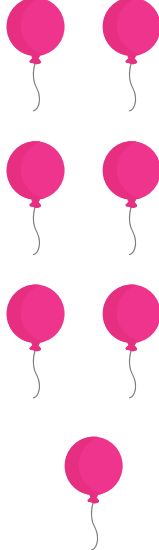


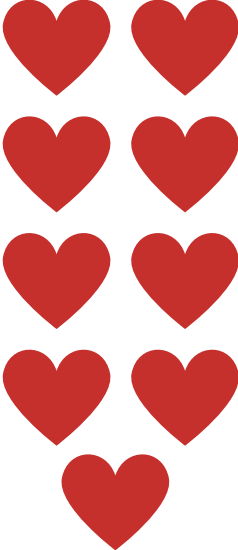



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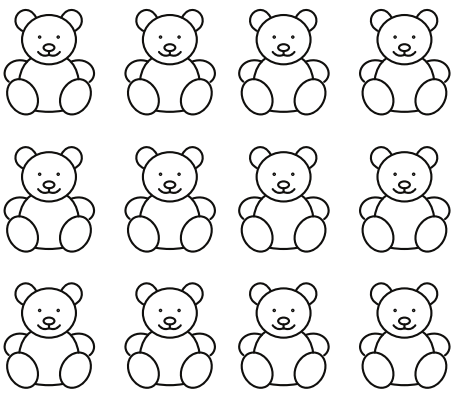
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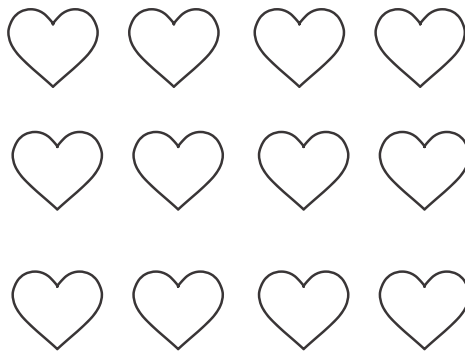
LET'S COUNT!

Directions: In the first section, count to color in the number of objects written at the top of each box. In the second section, count to circle the correct number of objects.

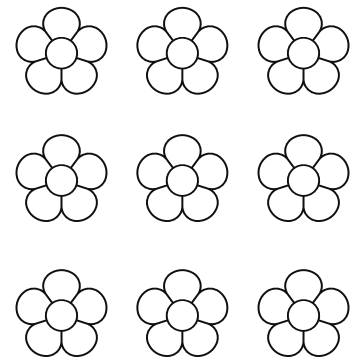
Color 4:



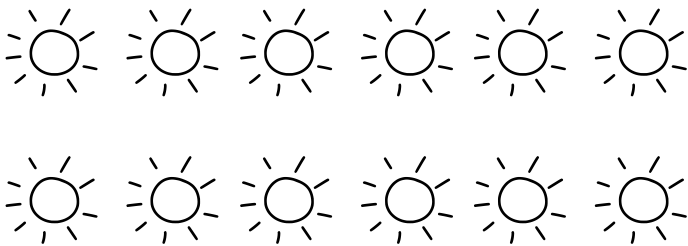
Color 2:



Color 5:



Circle 6:



Circle 9:

