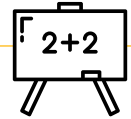


# COUNTING TO 50



Counting is a vital skill for all mathematicians to master, not just as a rote procedure but as a skill to utilize in various situations. In this learning plan, students will get an opportunity to expand their counting skills. They will be introduced to numbers 1 - 50 and will practice counting sequentially.



## STANDARD

CCSS.MATH.CONTENT.K.CC.A.1

Count to 100 by ones and by tens.

## OBJECTIVES

- ✓ Students will be able to count from 1 to 50.
- ✓ Students will be able to identify missing numbers.
- ✓ Students will be able to skip count by 10s from 10 to 50.

## GUIDING QUESTIONS

How can you count from 1 to 50?

What number is missing from this sequence?

What number comes before? What number comes next?

## MATERIALS

- Count Together worksheet
- Find the Missing Numbers worksheet
- Write to 50 worksheet
- Connect the Dots worksheet
- What's Missing? worksheet
- 100s chart or number line to 50
- Plastic bag of small objects that can be counted - dried beans work great
- Crayons, colored pencils, or markers
- Optional book to introduce numbers to 100
  - Chicka Chicka 1, 2, 3 by Bill Martin Jr. and Michael Sampson
  - Curious George Learns to Count from 1 to 100 by H.A. Rey

# COUNTING TO 50



## ASSESSMENTS

Formative assessments and checks for understanding occur throughout the lesson:

- Listen to students as they count, articulate the groups of 10s, and skip count by 10.
- Observe students' ability to identify numbers, their place in number order, how the number appears in written form, and their place in a sequence.
- If students are able to show numbers with manipulatives, be sure they are able to properly place objects into groups of 10 to facilitate counting.

**Summative Assessment:  
Find The Missing Numbers**

## DIFFERENTIATION STRATEGIES

- For students in need of extra support, allow the use of a 100s chart during all activities. Continue to practice counting throughout each activity whenever available.
- In Activity 3, students are given an optional challenge at the end of the worksheet to write numbers in order from 1 to 50. As an added challenge, students can fold their paper in half to hide the chart at the top of the page.



## **EXTENSION ACTIVITIES**

- If students complete an activity early, they can practice creating numbers using their bag of dried beans (or other material) with a partner. Students can remove any number of beans and sort them into groups of 10 to count how many there are (e.g., 2 groups of 10 and 5 leftover makes 25). Students should practice saying, “I have \_\_\_ groups of 10 and \_\_\_ left over which makes \_\_\_.” They can challenge each other to see what numbers they can make.
- Create a book of numbers. Using folded blank paper, students can use each page to illustrate objects in various quantities. Continue to add to the books if time permits. Books can be created individually or as a class book where each student is assigned a number. Students can collect actual objects to glue or tape into their books to represent their numbers. Nature walks can be beneficial to help students find objects to include. For example, a student given the number 7 can find 7 leaves to tape into their book. The student can also draw 7 leaves. Each student should practice writing their number. Once books are completed, allow students an opportunity to share their page or book.



## ACTIVITY OVERVIEW

### Activity 1

#### Count Together

Students will practice counting to 50 by 1s and 10s using a 100s chart.

### Activity 2

#### Guided Practice

Students will fill in the missing numbers by cutting and gluing them to the chart.

### Activity 3

#### Independent Practice

Students will practice tracing numbers from 1 to 50 in sequential order.

### Activity 4

#### Connect the Dots

Students will connect the dots in numerical order to create four pictures.

### Activity 5

#### What's Missing

Students will read numbers in sequence to determine which number is missing, then write it in.

### ACTIVITY 1: COUNT TOGETHER

- Optional: Introduce counting by reading a book on counting to 100. When reading, stop at 50. Examples include:
  - Chicka Chicka 1, 2, 3 by Bill Martin Jr. and Michael Sampson
  - Curious George Learns to Count from 1 to 100 by H.A. Rey
- Explain to students that they will be learning how to count to 50 by using a chart to help them remember the order of numbers.
- Display a 100s chart. It may help to cover numbers 51 - 100.
- Begin counting from 1 - 50 by pointing to each number. Pay careful attention to students' pronunciation of numbers once they reach 20 and progress into the 30s and 40s.
- Distribute the Count Together worksheet and a baggie of 50 dried beans (or 50 other small objects).
- Allow students to open their bags and pour out their beans.
- As a class, begin counting the beans into groups of 10. Students can use their worksheets to help as needed.
- Once the beans are in groups of 10, ask students to count how many groups they see.
- Begin skip counting by 10s. Point to each 10 on the 100s chart. Students should point to each 10 on their charts located on their worksheets.
- Instruct students to color the 10s on their chart as they skip count aloud.



## ACTIVITY 2: GUIDED PRACTICE

- Begin by counting to 50 together with students by pointing to each number on the 100s chart.
- Practice counting by 1s and by 10s.
- Distribute the Find the Missing Numbers worksheet.
- Students should cut and glue the correct numbers to their place on the chart.
- When finished, students can practice pointing to each number as they count to 50.

## ACTIVITY 3: INDEPENDENT PRACTICE

- Begin by counting to 50 together with students by pointing to each number on the 100s chart.
- Practice counting by 1s and 10s.
- Distribute the Write to 50 worksheets.
- Instruct students to trace over each number carefully. They should say each number as they write.
- If students finish early, they can complete the challenge at the bottom of the page. Students can fold their paper in half to write without the visual of the chart at the top of the page.



## ACTIVITY 4: CONNECT THE DOTS

- Distribute the Connect the Dots worksheet.
- Explain to students that four pictures on the page will be created as they connect the dots.
- Model how to start at the lowest number and draw a line connecting each number in order. It may be helpful for students to say each number out loud as they connect the dots.
- Invite students to color in their pictures when they complete their worksheets.

## ACTIVITY 5: WHAT'S MISSING?

- Distribute the What's Missing? worksheet.
- Instruct students to look at each caterpillar and identify which numbers are missing.
- Provide support as needed.
- Challenge: For students who finish early and need an extension to the activity, allow them to create their own missing numbers sequence. Students can also practice counting backward if they are ready for an additional challenge.

NAME \_\_\_\_\_

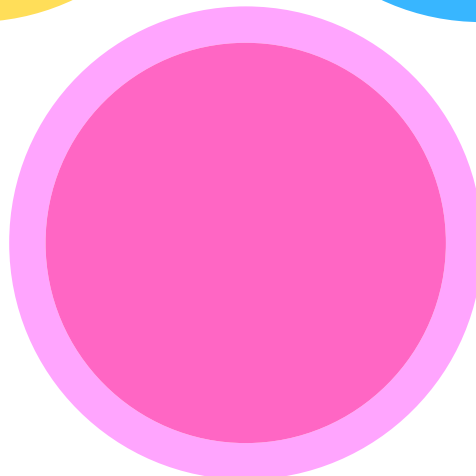
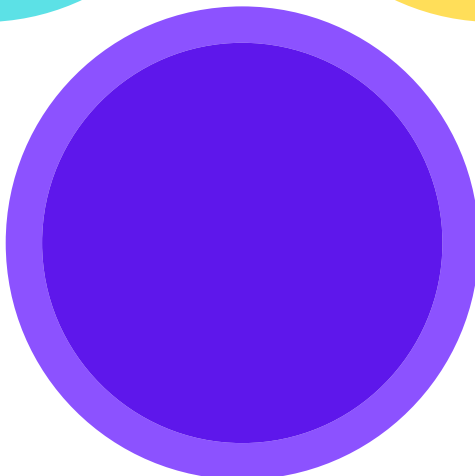
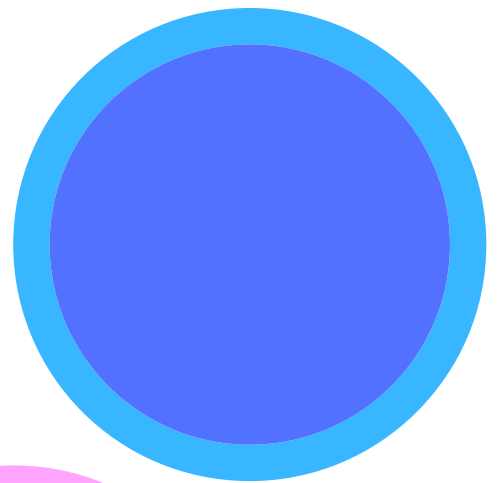
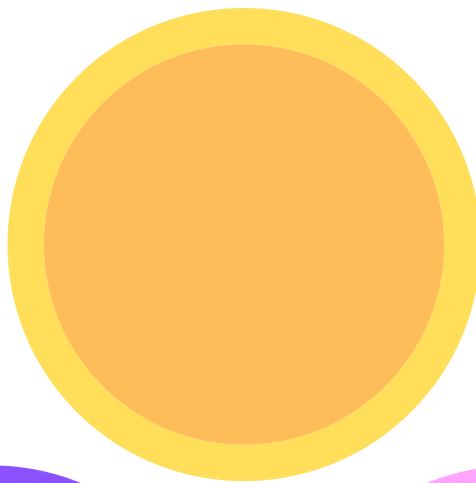
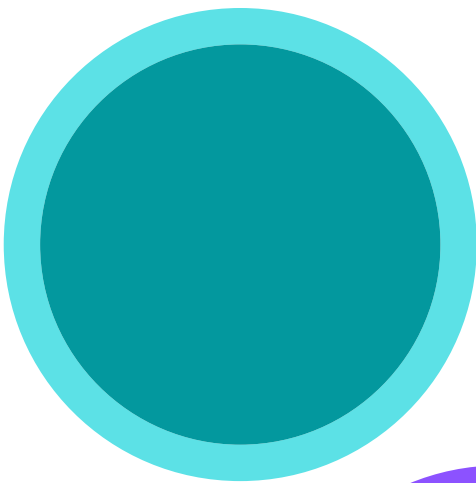
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# COUNT TOGETHER

Directions: Point to each number as you say the number. Count with your teacher.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

## Counting Mat



NAME \_\_\_\_\_

DATE \_\_\_\_\_

# FIND THE MISSING NUMBERS

Directions: Say each number. Cut out the number and glue to its correct spot.

1	2	3	4		6	7		9	10
11		13	14	15	16		18	19	20
21	22	23		25	26	27	28		30
	32	33	34	35		37	38	39	
41	42		44	45	46	47	48	49	50



24	12	31	36	43	8	17	5	29	40	5
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NAME \_\_\_\_\_

DATE \_\_\_\_\_

# WRITE TO 50

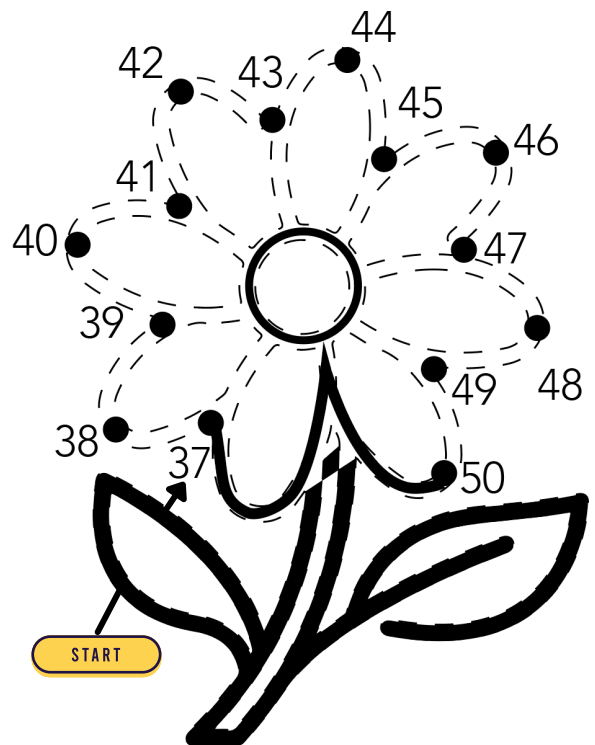
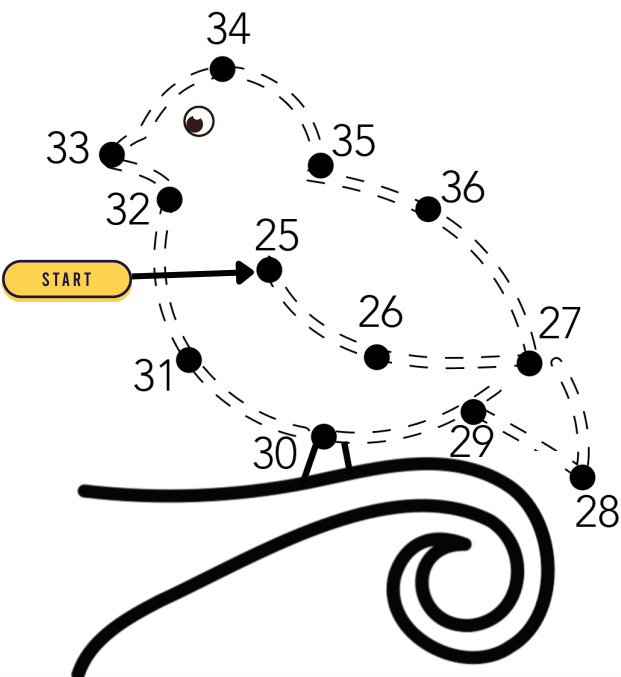
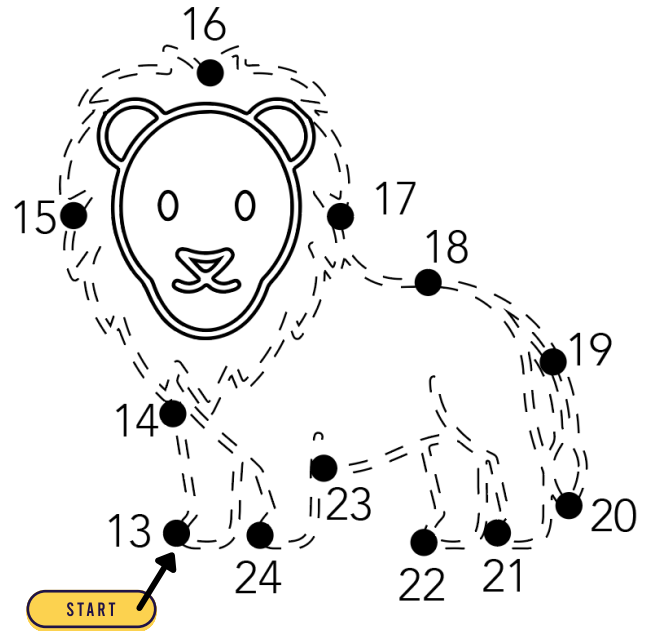
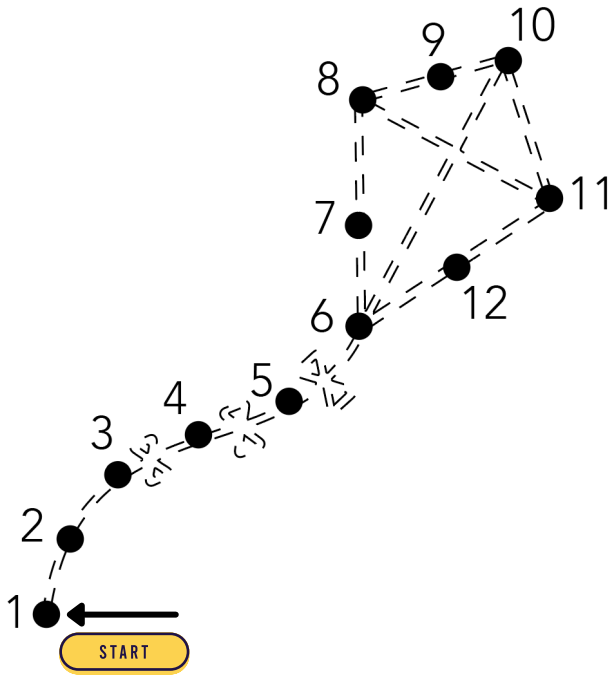
Directions: Write each number by tracing the numbers in each box. Say each number as you write. Then, count by 10s.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —

# CONNECT THE DOTS

Directions: Start at the beginning dot and trace a line to each number in order.  
Color your picture when you are done.

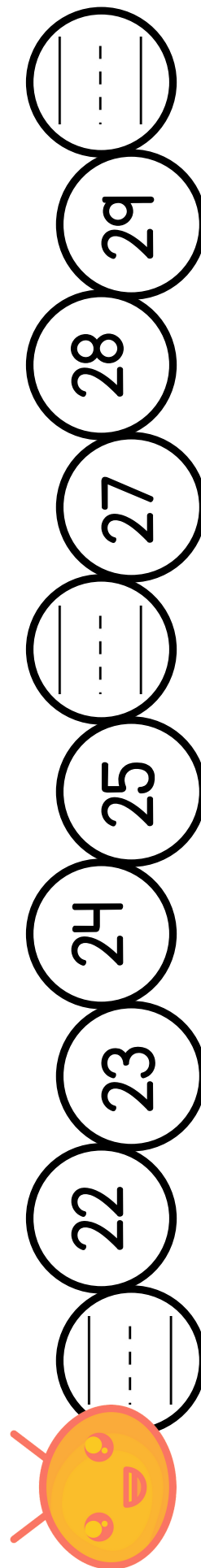
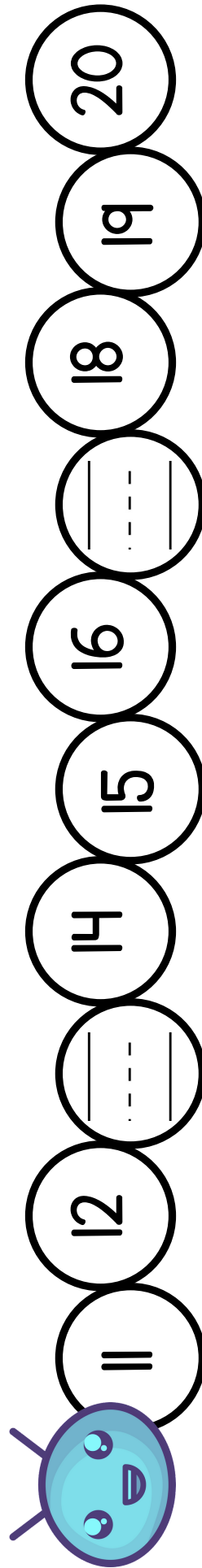
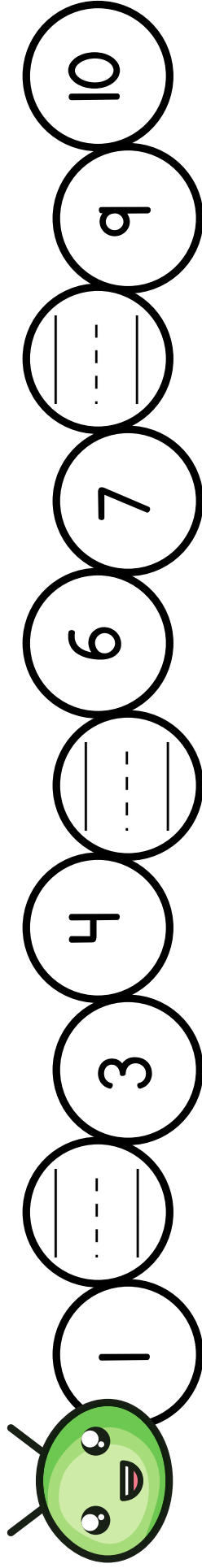


NAME \_\_\_\_\_

DATE \_\_\_\_\_

## WHAT'S MISSING?

Directions: Fill in the missing numbers to complete each caterpillar.



NAME \_\_\_\_\_

DATE \_\_\_\_\_

## WHAT'S MISSING?

Directions: Fill in the missing numbers to complete each caterpillar.

