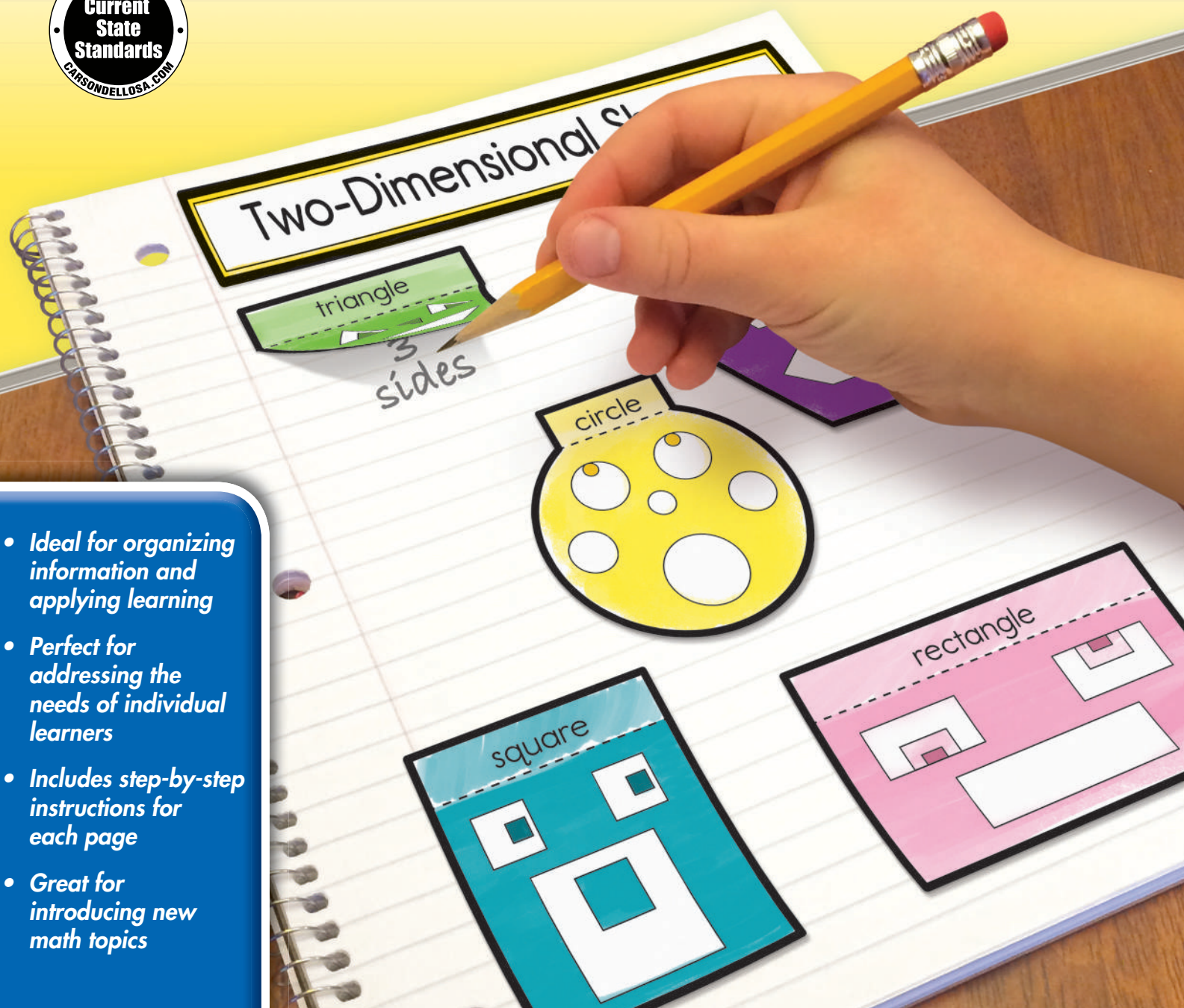


Interactive Notebooks

K

MATH



- Ideal for organizing information and applying learning
- Perfect for addressing the needs of individual learners
- Includes step-by-step instructions for each page
- Great for introducing new math topics

Interactive Notebook Grading Rubric

4	<p>_____ Table of contents is complete.</p> <p>_____ All notebook pages are included.</p> <p>_____ All notebook pages are complete.</p> <p>_____ Notebook pages are neat and organized.</p> <p>_____ Information is correct.</p> <p>_____ Pages show personalization, evidence of learning, and original ideas.</p>
3	<p>_____ Table of contents is mostly complete.</p> <p>_____ One notebook page is missing.</p> <p>_____ Notebook pages are mostly complete.</p> <p>_____ Notebook pages are mostly neat and organized.</p> <p>_____ Information is mostly correct.</p> <p>_____ Pages show some personalization, evidence of learning, and original ideas.</p>
2	<p>_____ Table of contents is missing a few entries.</p> <p>_____ A few notebook pages are missing.</p> <p>_____ A few notebook pages are incomplete.</p> <p>_____ Notebook pages are somewhat messy and unorganized.</p> <p>_____ Information has several errors.</p> <p>_____ Pages show little personalization, evidence of learning, or original ideas.</p>
1	<p>_____ Table of contents is incomplete.</p> <p>_____ Many notebook pages are missing.</p> <p>_____ Many notebook pages are incomplete.</p> <p>_____ Notebook pages are too messy and unorganized to use.</p> <p>_____ Information is incorrect.</p> <p>_____ Pages show no personalization, evidence of learning, or original ideas.</p>

Number Words and Sets 0 to 5

Introduction

Read a picture book about counting numbers. Discuss the number words in the text. Write the number 1 on the board. Write the number word *one* below it. Ask students if they think the two mean the same thing. Have a volunteer come to the board and draw one object. Explain that a number represents an amount and that these are three ways to express the number 1 or the amount of 1. Continue introducing the other numbers 0 to 5 in the same manner. Discuss why the number 0 does not have a set of objects.

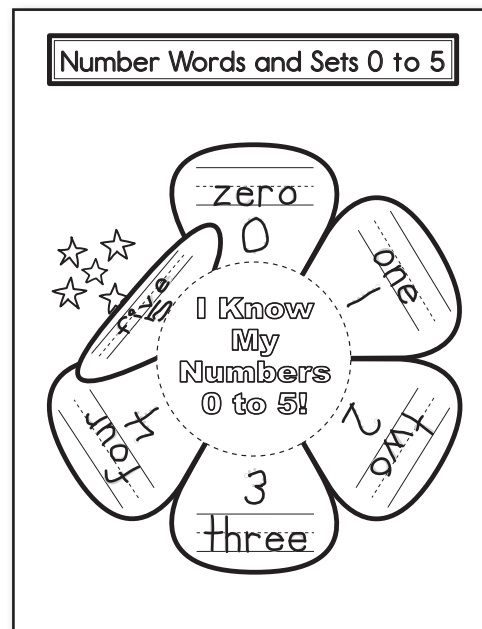
Creating the Notebook Page

Guide students through the following steps to complete the right-hand page in their notebooks.

1. Add a Table of Contents entry for the Number Words and Sets 0 to 5 pages.
2. Cut out the title and glue it to the top of the page.
3. Cut out the flower piece. Cut on the solid lines to create six petal-shaped flaps. Apply glue to the back of the center section and attach it to the page.
4. Count the numbers aloud, beginning with zero. Then, trace each number and the number word.
5. Draw a set of objects under each flap to represent the number.

Reflect on Learning

To complete the left-hand page, have students write each number word and number. Then, have students trace the number word and number three times each with different colors creating a rainbow effect.



Number Words and Sets 0 to 5



Number Words and Sets 6 to 10

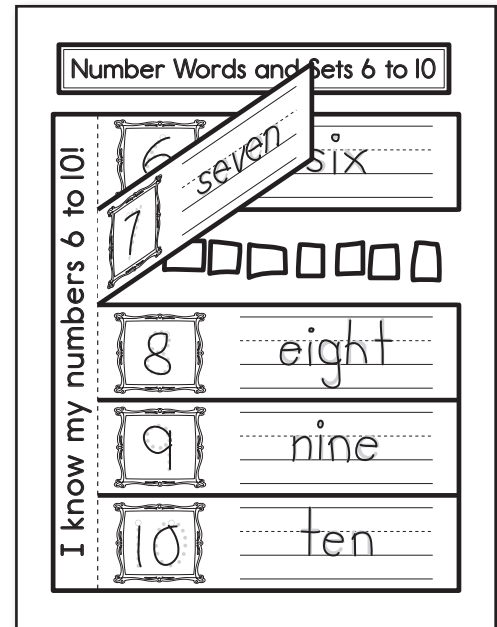
Introduction

Read a picture book about counting numbers. Discuss the number words in the text. Draw six objects on the board. As a class, count each object. Write the number word *six* under the objects. Have a volunteer come to the board and write the number 6. Explain that a number represents an amount and that these are three ways to express the number 6 or the amount of 6. Continue introducing the other numbers 7 to 10 in the same manner. Ask students what they notice about the number 10. A possible answer may be that it has two digits.

Creating the Notebook Page

Guide students through the following steps to complete the right-hand page in their notebooks.

1. Add a Table of Contents entry for the Number Words and Sets 6 to 10 pages.
2. Cut out the title and glue it to the top of the page.
3. Cut out the flap book. Cut on the solid lines to create five flaps. Apply glue to the back of the left section and attach it to the page.
4. Count the numbers aloud, beginning with six. Then, trace each number and the number word.
5. Draw a set of objects under each flap to represent the number.

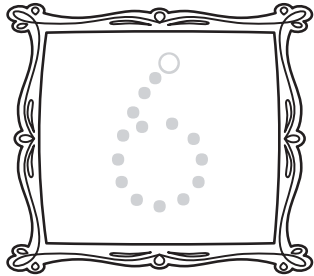


Reflect on Learning

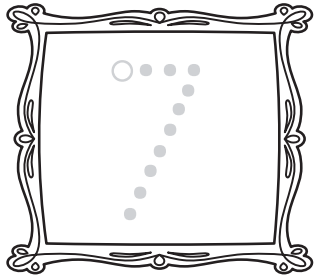
To complete the left-hand page, have students write each number word and number. Provide students with magazines and newspapers to find the number or number words *six* through *ten*. Have students glue them to the page next to the corresponding numbers.

Number Words and Sets 6 to 10

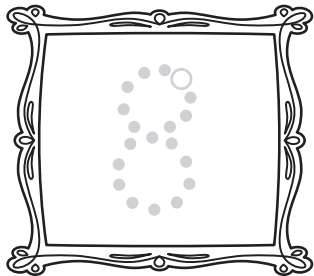
I know my numbers 6 to 10!



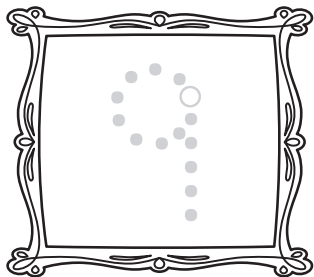
six



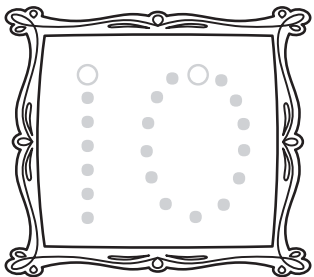
seven



eight



nine



ten

Counting Objects 1 to 5

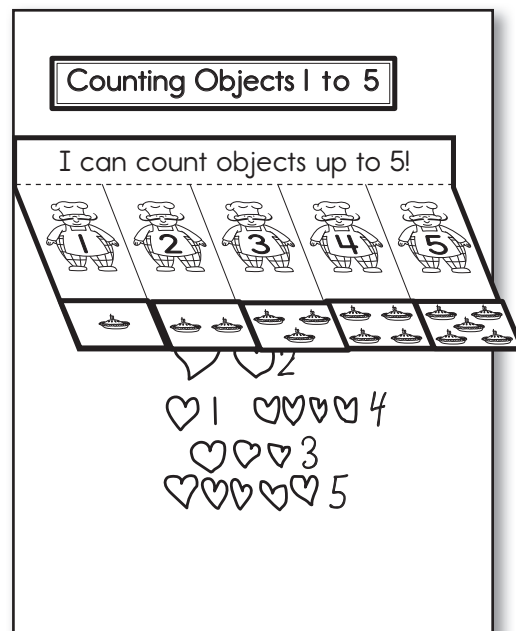
Introduction

Draw five baskets on the board. Number the baskets 1 to 5 in random order. Draw an apple in the basket marked 1. Ask students why only one apple is in the basket. Review how a number represents an amount. Have volunteers come to the board and draw the correct number of apples in the remaining baskets.

Creating the Notebook Page

Guide students through the following steps to complete the right-hand page in their notebooks.

1. Add a Table of Contents entry for the Counting Objects 1 to 5 pages.
2. Cut out the title and glue it to the top of the page.
3. Cut out the chef flap. Apply glue to the back of the top section and attach it to the page.
4. Cut out the pie cards. Count the number of pies on each card. Match each pie card to the correct number and glue the card on the gray glue space.
5. Draw a set of objects under each flap. Then, write the correct number to represent each set.

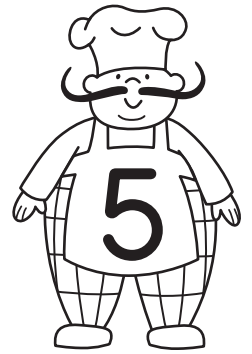
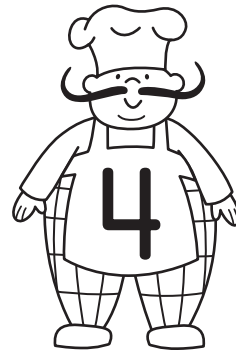
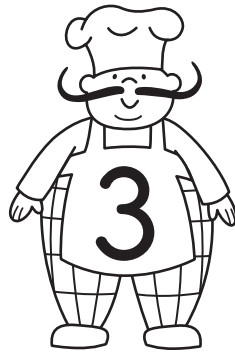
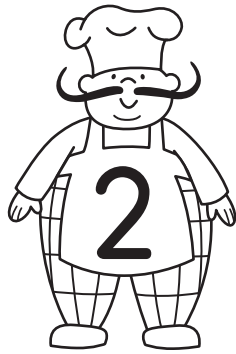
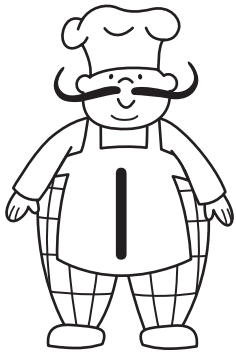


Reflect on Learning

To complete the left-hand page, have students draw five circles or “pizzas.” Students should write a number 1 to 5 below each pizza. Then, have students draw a corresponding number of toppings on each pizza. For example, a pizza with the number 5 below it may have five slices of pepperoni drawn on it. Allow time for students to share their work.

Counting Objects 1 to 5

I can count objects up to 5!



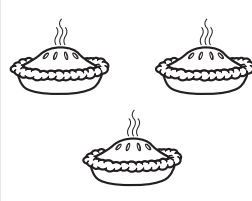
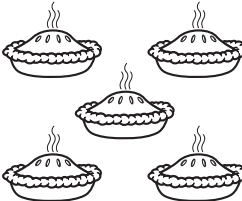
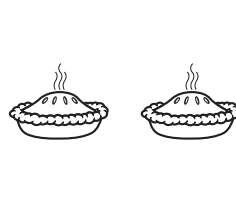
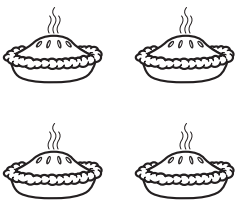
glue

glue

glue

glue

glue



Counting Objects 6 to 10

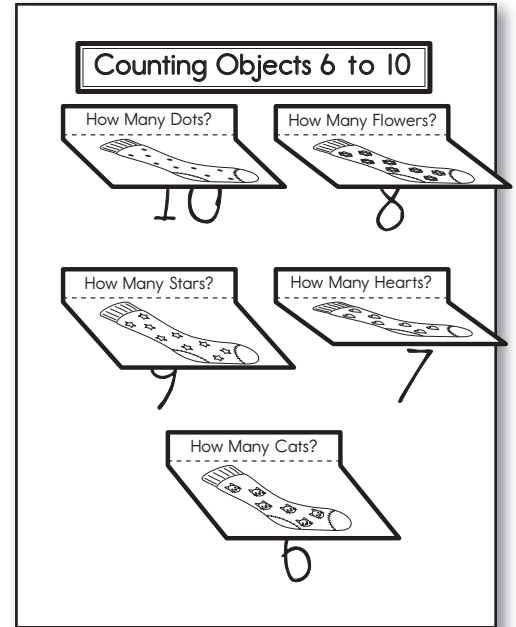
Introduction

Write the numbers 6 to 10 on separate index cards. Give the cards to five students or groups of students. Have them collect sets of objects to represent their numbers. For example, 6 pencils, 7 pieces of paper, 8 books, 9 markers, or 10 crayons. Have students bring their objects to the front of the room. As a class, count the objects aloud to see if the correct numbers were collected.

Creating the Notebook Page

Guide students through the following steps to complete the right-hand page in their notebooks.

1. Add a Table of Contents entry for the Counting Objects 6 to 10 pages.
2. Cut out the title and glue it to the top of the page.
3. Cut out the sock flaps. Apply glue to the back of the top section of each flap and attach it to the page.
4. Count the objects on each sock. Write the number under each flap.



Reflect on Learning

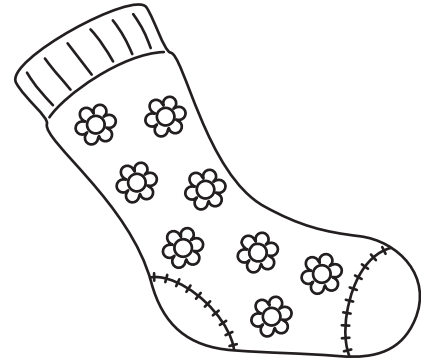
To complete the left-hand page, have students draw five socks. Students should write a number 6 to 10 below each sock. Then, have students draw a corresponding number of dots on each sock. For example, a sock with the number 6 below it should have six dots drawn on the sock.

Counting Objects 6 to 10

How Many Dots?



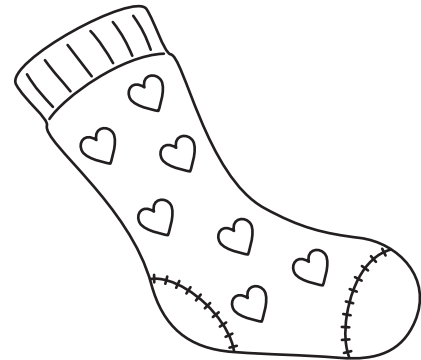
How Many Flowers?



How Many Stars?



How Many Hearts?



How Many Cats?



Number Order 1 to 10

Introduction

Display a number line 0 to 10. Ask students what they notice about the number line. Some possible answers may include that the number line begins at 0 or that it displays numbers in order. Have 10 volunteers stand at the front of the room. Beginning with the first student, count the number of students aloud, moving from one student to the next as you count. Explain that number order means a sequence of one number to the next (ascending order). Discuss how numbers can also be sequenced backward in descending order.

Creating the Notebook Page

Guide students through the following steps to complete the right-hand page in their notebooks.

1. Add a Table of Contents entry for the Number Order 1 to 10 pages.
2. Cut out the title and glue it to the top of the page.
3. Cut out the number line. Glue it below the title. Count along the number line and write each number as you count.
4. Cut out the caterpillar flap. Apply glue to the back of the top section and attach it below the number line.
5. Complete the number sequence on the caterpillar by writing the correct number in each blank.
6. Practice writing the numbers 1 to 10 in ascending and descending order under the flap.

Reflect on Learning

To complete the left-hand page, have students draw 10 blocks. Students should draw a dot in the first block and label it 1, two dots in the second block and label it 2, continuing the process until they have drawn 10 dots in the last block and labeled it 10. Have students practice counting the dots aloud in ascending and descending order.

