

Counting by Groups

Purpose

Students will count by twos, fives, and tens.

Materials

For each student: hundreds chart, red crayon, yellow crayon, blue crayon, copy of Black Line Master (BLM) *Counting By Groups*
For each pair of students: 75 small beans

Activity

A. Partner Activity

1. Divide students into groups of two.
2. Distribute the beans, hundreds chart, crayons, and BLM *Counting By Groups* to the students.
3. Explain to the students that they will be counting by twos, fives, and tens to 100.
4. Demonstrate that the students can count by a certain number by forming small groups of the number before counting.
5. Tell the students to use the hundreds chart as a guide while they are counting.
6. Have the students begin the activity, completing the BLM *Counting By Groups* as they count.
7. Discuss the students' answers on the BLM.

B. Individual Activity

1. Beginning at "2," have students circle every other number on the hundreds chart with a yellow crayon. Have students quietly say the numbers as they circle them.
2. Beginning at "5," have students circle every fifth number on the hundreds chart with a blue crayon. Have students quietly say the numbers as they circle them.
3. Beginning at "10," have students circle every tenth number on the hundreds chart with a red crayon. Have students quietly say the numbers as they circle them.



connecting
across the
curriculum

Science

Have students collect several small objects in nature, such as rocks, leaves, or shells. Have them count the objects by twos, fives, and tens before making scientific observations.



EXTENDING
THE
ACTIVITY





Have the students experiment with counting by other groups of numbers. Explore what it means to have one number circled with several colors of crayons on the hundreds chart by counting by twos, fours, sixes, and eights.

Standards Link
2.6.2

Questions for Review

Basic Concepts and Processes

After students have finished the individual activity, discuss the following questions with them to gauge their understanding of the Standard Indicator:

-  Which numbers are circled red and blue?
 -  Which numbers are circled red, yellow, and blue?
 -  Are there any numbers that are circled only yellow? only blue? only red?
 -  How did you decide where the circles belong when counting by fives?
-

Name: _____

Counting By Groups

Sort the beans into groups of two.

2 'S

Number of Groups

Number Left Over

Number Altogether

Sort the beans into groups of five.

Number of Groups

Number Left Over

Number Altogether

5 'S

Sort the beans into groups of ten.

10 'S

Number of Groups

Number Left Over

Number Altogether

Counting By Groups

Teacher Directions

Distribute the BLM *Counting By Groups*. Have each pair of students count their 75 beans by twos, fives, and tens and complete the items on the BLM.

Answer Key

2's Number of Groups - 37
 Number Left Over - 1
 Number Altogether - 75

5's Number of Groups - 15
 Number Left Over - 0
 Number Altogether - 75

10's Number of Groups - 7
 Number Left Over - 5
 Number Altogether - 75