Count on it

TULIPS

Multiplication as repeated addition

Episode 212: Blossom and Snappy Go Gardening
2nd Grade

Georgia Performance Standards

- M2N2a Understand multiplication as repeated addition
- M2N2c Use the multiplication table to determine a product of two numbers

Objective

- The students will explain how multiplication and addition are related.

Materials

- TV/VCR or Computer/LCD Projector
- Video *Count On It!* 212
- Paper (or math journal), pencils
- Multiplication tables (enough for class)

Procedure

Opening

- View *Count On It!* 212 clip "Tulips" (VHS 4:40 – 7:50).
- Say, "If Robbie plants 6 tulips bulbs in the fall, she will have a total of 6 tulip plants come up in the spring."
- Ask, "If she continues to have six tulip plants come up each spring, how many tulip plants will have grown total after two years?" Write 6 + 6 on the board.
- Ask, "And how many total will have come up after three years?" Write 6 + 6 + 6 on the board.

Work time

- Ask, "How many tulip plants will Robbie have grown if six continue to grow each spring for nine years?"
- Students are to figure out the answer using addition as well as multiplication (with use of a multiplication table).

Closing

- Journal writing: How come we get the same answer from both of the following math problems?
  6+6+6+6+6+6+6+6+6=
  6x9=

Assessment

- Teacher observation/documentation on student rubric used by your school/county during work time and closing (sample rubric can be found on our website)
- Journal entry may be graded.

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