

Learning Activity for Let's Multiply by Zero 2nd Grade

Objective: The students will be able to recognize that when multiplying by zero, the product is zero, using a variety of models.

Materials: number line, graph paper

Let's Multiply By Zero

Rap:
Let's learn to multiply I want you to know.
Here are some strategies that will help you unfold
The answers to the problems, come on ,
you'll see
When you learn the rules of multiplication,
It becomes easy.

Sung:
Let's multiply by zero. Let's learn this simple rule.
Let's multiply by zero. It's the zero learning tool.
Let's multiply by zero, for the answer will remain.
Zero, zero, zero, the answer stays the same.

Rap:
 0×1 is 0, 0×2 is 0,
 0×3 is 0, 0×4 , is 0,
 0×5 is 0, 0×6 is 0.

Sung:
Let's multiply by zero. Let's learn this simple rule.
Let's multiply by zero. It's the zero learning tool.
Let's multiply by zero, for the answer will remain.
Zero, zero, zero, the answer stays the same.

Rap:
 0×7 is 0, 0×8 is 0,
 0×9 is 0, 0×10 is 0
 0×11 is 0, 0×12 is 0.

Sung:
Let's multiply by zero. Let's learn this simple rule.
Let's multiply by zero. It's the zero learning tool.
Let's multiply by zero, for the answer will remain.
Zero, zero, zero, the answer stays the same.

Procedure:

- 1) Play the song.
- 2) Discuss with students the concept of multiplication as repeated addition.
- 3) Ask students to put their finger on 0 on the number line. How do you show "no jumps of 3" or "3 jumps of 0"?
- 4) Repeat this with 2 more numbers.
- 5) Ask students to think about "3 columns of 0" or "0 rows of 3". How would you draw that? $3 \times 0 = 0 + 0 + 0 = 0$

Evaluation: Teacher observation. Students will describe in their journal why multiplying by 0 will always give you zero.