

# One Hundred Hungry Ants

## Summary

Hear a fun story with a mathematical message. The storyline centers around ants getting into arrays to make it to a picnic faster. Practice multiplication facts with 1,2,4,5, and 10!

## Additional Core Ties

Mathematics Grade 3

[Strand: OPERATIONS AND ALGEBRAIC THINKING \(3.OA\) Standard 3.OA.1](#)

Mathematics Grade 3

[Strand: OPERATIONS AND ALGEBRAIC THINKING \(3.OA\) Standard 3.OA.3](#)

## Time Frame

1 class periods of 30 minutes each

## Group Size

Large Groups

## Life Skills

Thinking & Reasoning

## Materials

ONE HUNDRED HUNGRY ANTS by Elinor J. Pinze, illustrated by Bonnie Mackain

## Student Prior Knowledge

Know how to use an array to help solve multiplication problems.

## Intended Learning Outcomes

Know 5 different ways to build arrays to total 100.

## Instructional Procedures

Read through the story and visualize how the ants arrange themselves into an array and then see what that looks like in a multiplication equation.

## Strategies for Diverse Learners

Students can move the ants into the given number of arrays.

## Extensions

Make a center out of it. Have 100 plastic ants and 5 laminated pages of the text with the 5 different arrays to practice:  $1 \times 100$ ,  $2 \times 50$ ,  $4 \times 25$ ,  $5 \times 20$ , and  $10 \times 10$ .

## Assessment Plan

If this unit was taught from Unit 1 & Unit 2 in Math Expressions, then when the 100th Day of School comes around sometime in February, you could give a little quiz of 5 ways to get to 100 with multiplication.

## Bibliography

Children's book - ONE HUNDRED HUNGRY ANTS, by Elinor J. Pinze, illustrated by Bonnie Mackain.  
ILLUMINATIONS Resource for Teaching Math lesson called, All About Multiplication: Modeling  
Multiplication With Streets and Avenues, by Grace M. Burton.

Authors

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