

M & M Counting

Summary

Students will use M&M's to determine how many members are coming to their family reunion and if there will be enough seats for everyone.

Main Core Tie

Mathematics Grade 2

[Strand: OPERATIONS AND ALGEBRAIC THINKING \(2.OA\) Standard 2.OA.2](#)

Time Frame

1 class periods of 45 minutes each

Group Size

Pairs

Materials

Materials

- a small cup of 40 M&M's per pair
- math journal
- sticky notes

Background for Teachers

Background

- understanding of the problem solving process
- knowledge of several mental math strategies
- understanding of composing and decomposing numbers
- understanding of place value and number sense

Student Prior Knowledge

Prior Knowledge:

- understanding of mental math strategies
- decomposing and composing numbers
- understanding of place value
- understanding of addition and subtraction strategies

Intended Learning Outcomes

- Students will make sense of problems and persevere in solving them MP1
- Students will model with mathematics MP4
- Students will reason abstractly and quantitatively MP3
- Students will attend to precision MP6

Instructional Procedures

Students will use M&M's to solidify mental math strategies by determining how many people are attending a family reunion and deciding if there are enough seats.

Strategies for Diverse Learners

Provide struggling students with a graphic organizer

Extensions

students can create their own task with multiple steps for others to solve

Rubrics

[M&M Counting](#)

Authors

[Tamara Shaw](#)

[DAVID SMITH](#)