

Chocolate Chip Cookie Recipe for 100

Summary

The Principal asked the Head Cook of your school to bake cookies for the 4th grade field day. She has a recipe that will feed only 10 people. Help her modify the recipe so that it will make enough cookies to feed 100 students.

Main Core Tie

Mathematics Grade 4

[Strand: NUMBER AND OPERATIONS IN BASE TEN \(4.NBT\) Standard 4.NBT.1](#)

Additional Core Ties

Mathematics Grade 3

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

Time Frame

1 class periods of 60 minutes each

Group Size

Small Groups

Materials

Copy of Choc. Chip Cookie Recipe for 10 for each student, Pencils, Task sheet

Background for Teachers

See TTLP and Curriculum Guide 4.NBT.1

Student Prior Knowledge

See Critical Background Knowledge in the Curriculum Guide for 4.NBT.1

Intended Learning Outcomes

Math Practices 1, 2, 3, 4, 5, 6, and 7 are likely to be used in this task.

Instructional Procedures

See attachment

Extensions

What would you do to modify the recipe for 2,000 people?

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