

Winter Break

Summary

Students will add and subtract two-digit numbers, and explain their thinking as they determine how many school days until Winter Break.

Main Core Tie

Mathematics Grade 2

[Strand: NUMBER AND OPERATIONS IN BASE TEN \(2.NBT\) Standard 2.NBT.9](#)

Additional Core Ties

Mathematics Grade 2

[Strand: NUMBER AND OPERATIONS IN BASE TEN \(2.NBT\) Standard 2.NBT.6](#)

Time Frame

1 class periods of 60 minutes each

Group Size

Pairs

Materials

September-December calendars

Paper and Pencils

Background for Teachers

Background

Students need to be proficient with NBT Standard 2 prior to this task.

Students need to be proficient with single digit addition and subtraction using multiple strategies

Teachers need to be familiar with asking guided questions

Student Prior Knowledge

Prior Knowledge:

Students need to have mastered single digit addition and subtraction using a variety of strategies

Students should have mastered NBT standard 2, counting within 1000

Students need to be familiar with explaining their thinking

Students need to be comfortable with working collaboratively

Intended Learning Outcomes

Students will be able to explain why addition and subtraction strategies work, using place value and the properties of operations.

Targeted Mathematical Practices: MP 1; MP 2; MP 3; MP 6

Instructional Procedures

Using calendars students will determine how many days until winter break.

Strategies for Diverse Learners

Differentiation

Teachers will need to be sensitive to those students who celebrate a holiday during Winter Break
Possible interventions include having students determine how many days to Fall Break or
Thanksgiving Break
Can include or exclude weekends

Extensions

Extensions:

Students can determine how many full seven-day weeks and remaining days left until a break
Extend to a later vacation time
Students can teach their parents how they solved the problem

Rubrics

[Winter Break](#)

Authors

[Tamara Shaw](#)

[DAVID SMITH](#)