

Math Lesson Plan #6

Integer War Games

Introduction:

Integer War Game

Objectives:

In this lesson, students will:

- Learn how to add integers (2 or more integers together)
- Learn how to subtract integers
- Learn how to multiply integers

Session time: (50 minutes) but can be continued for several days introducing new concepts

Materials:

- One deck of cards for every pair of students
- White board or chalk board to write game rules

Methods: Vocabulary – integer, positive, negative, grouping.

- Know what an integer means.
- Know what positive means.
- Know what negative means.
- Know how to group integers.

Procedures:

- 1) pair your students
- 2) instruct your students whose first name comes first in the alphabet will cut the cards and hand the other $\frac{1}{2}$ cards to your partner.
- 3) Tell your students that they will play a game where, at the command GO, each player will turn up one card from their stack of cards and lay them on the desk surface.
- 4) Black cards represent positive integers and the red cards represents negative integers.
- 5) To win the cards they will combine the integers quicker than their partner
- 6) One player is responsible for saying GO to initiate each round
- 7) Face cards will have the value of 10 or -10 depending on the color of the card. Aces are 1 or -1 depending on color of card.

- 8) Students are not allowed to think out loud, they can only shout out the answer. At the command of GO both players must lay their card down simultaneously. One player can not delay or peek at card while laying card down.
- 9) In the event of a tie the two cards remain on the table and 2 more cards are played using the same command GO the winner this time will get both sets of cards. If there are several ties it keeps going until some one wins.

Conclusion: The object of the game for each player is to win more cards than the player's opponent. This game can be played several days just by adding new concepts to the game.

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Note: I teach this to my G.E.D. students who need help understanding integers. They just love the game and they are also learning the concept of integers.

