

AMERICAN EXPRESS

AN INTEGER GAME

PURPOSE: To teach adding and subtracting of positive and negative numbers

MATERIALS: (Listed per group)

- 1 opaque bag (small brown lunch bags work great!)
- 4 dice...2 colored and 2 white should be placed in the bag
 - Colored dice are positive numbers and white dice are negative numbers
- "Credit Card" for each student (Run copies of sheet)
- 10 "pennies" for each student (Could use M & Ms, candies, cereal, pasta, etc...)
- About 100 extra "pennies" for the bank
- 1 cup for each person (or plastic bag)

OBJECT: To have the most money at the end of the game

SET UP DIRECTIONS:

1. Divide students into groups of about 3 to 4 people.
2. Assign one honest person to be the "banker". (This person may also play!)
 - The banker will hold the bank's "extra" money in a safe place.
3. Give each player 10 pennies to begin with. These go into their cup.
4. Students are also given a "Credit Card" which they must sign and put away for an emergency.

PLAY DIRECTIONS:

1. Player one draws two dice from the bag.
 - a. If the dice are both positive, they find the answer and they receive that much money from the bank.
 - b. If the dice are both negative, they find the answer and they put that much money into the POT in the center of the play area.
 - c. If there is one of each, they find the answer and if the total is...
 - Negative: you pay the POT that much money
 - Positive: you get that much money from the bank
 - Doubles (if one die of each color): **YOU WIN THE POT!**
2. Subsequent players follow the same rules.
3. At the end of time...(class period, 3 rounds, etc...) the person with the most money wins!

WHAT HAPPENS IF...?

1. ...I run out of money? (Ah, good question!) You hand the banker your credit card, and (s)he records on it how much money you need to borrow. (S)he gives you that amount of money and you pay your debt!
2. ...I get enough money to pay off my debt? You hand your credit card back to the banker and (s)he crosses off your debt, collects the money you owe...PLUS ONE penny for interest! (Just like a credit card company!)