



MATH

Learning math is in the cards

Objectives

- Review basic math facts: addition, subtraction, multiplication and division.

Materials

- Deck of cards for each pair of students
- Scrap paper to keep score or solve math problems
- Stopwatch
- Index cards

Lesson Plan

- 1 Assign values to face cards J=11, Q=12, K=13 or remove them if desired.
- 2 Divide class into pairs giving each pair a deck of cards and four index cards.
- 3 Label each of the four index cards (one set per pair) addition, subtraction, multiplication and division (or the math facts pertaining to students' skill level).
- 4 Deal a full deck of cards face down evenly between both students. Students do not look at cards dealt.
- 5 Round1: Student A is the timekeeper. Student B is the challenger. Student A chooses an index card and flips it over as he or she starts the stopwatch. Student B flips over the top two cards and performs the math skill on the index card. Student B continues this step until he or she completes the deck. Students then reverse roles, and see who completes the deck the fastest.
- 6 Round 2: Shuffle the deck and repeat distribution. Pick a different index card denoting the math action. At the

same time, each player flips his or her top two cards and performs the calculation on the two numbers. They announce to each other their answer. The player with the highest sum (etc.) wins the hand and collects all four cards. If the computations result in a tie, they each draw three new cards and perform the computation again. The winner gets all cards for the hand. After a set amount of time, the player with the most cards wins.

Extension

Use different elements of time to challenge the students. How many can they do in a minute? Create a round robin and have winners of each pair challenge other winners to ultimately create a "Math Champ."

