

DOMINATION™

Lesson Plans

Recommended Grade Levels & Learning Environments: 1st - 6th

EEN classrooms, partner activities, learning centers

Recommended Subjects: Math

Applicable Concepts, Skills, and Strategies:

- Visual discrimination
- Basic math facts
- Writing skills
- Identifying patterns
- Strategizing
- Problem solving
- Oral communication

Objectives:

- to develop problem-solving strategies
- to develop math skills
- to talk about math facts in a relaxed setting

Components:

- Activity #1 - whole class cooperative learning activity
- Activity #2 - whole class - independent & group activity
- Game Activities - partner activity - Consider these student partners: teacher, instructional aide, tutor, volunteer, other student

Materials Needed: Domination™ Game(s)

Domination™ Activity #1

Divide your class into heterogeneous groups of 3 or 4. Distribute equal numbers of dominoes to each group. Have the students place the dominoes face down and gently mix them. Determine which math skill is to be practiced: addition, subtraction, or multiplication.

Students take turns picking up a tile and completing the math problem using each side of the domino as part of the equation. Instruct the students to state the completed equation. For example: 2 times 3 equals six, 3 minus 2 equals 1, or 2 plus 3 equals 4. If the other members of the group agree with the student's response, s/he keeps that tile and the next student continues the game. If the response is incorrect, the correct answer is explained, and the tile is put back into the middle. Play continues until all tiles have been used. During this activity some students may benefit from using paper & pencil, manipulatives, or addition or multiplication charts.

This game can be repeated as time permits or it can be followed with a written activity. Students take the tiles they have accumulated and write each problem and answer on a paper. This will help reinforce these math facts.

Domination™ Activity #2

Students draw 1 or more dominoes and then create a math story to go with each domino. If you are working with larger numbers, perhaps the students would use several tiles to create their stories. The students write their problems on one side of the paper with their answers on the back. After the sheets are checked for accuracy, they can be shared with the class or passed around to be used independently. Be sure to model this process before having the students do their stories.

Domination™ Game Activities

The following are suggestions for use with the Domination game board.

1. When placing a domino, state the number of pips on each side.
2. When placing a domino, talk about which side of the domino has the greatest number of pips.
3. When placing a domino, create the greatest number possible using the two sides of the domino as digits.
4. As dominoes are placed on the board, complete a math problem. This is a good way to practice the basic facts of addition, subtraction, and /or multiplication.
5. When a box is completed, count all the pips.
6. When a box is completed, decide which domino had the greatest sum, product, or difference.
7. When a box is completed, create the greatest 8 digit number possible. Read that number aloud.
8. Use the game time to reinforce math terms such as doubles, greater than, less than, sum, addend, take away, minus, product, factor, etc.