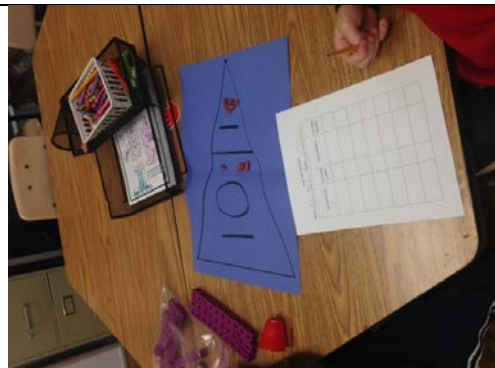


Lesson Title: Triangle Toss

Grade: One

Content Standard: 1.NBT.2 Understand that the two digits of a two-digit number represent amounts of tens and ones.



Materials: Triangle Toss gameboard, beans, connecting cubes, recording sheet.

Shared Experience and procedure details:

Students should have some prior experience with place value by building two digit numbers with connecting cubes or base ten blocks.

Introduce the game: Partners will be given a cup of nine beans (when they toss the beans to make a two digit number, we don't want more than nine tens or nine ones). They are instructed to take turns dropping beans on the gameboard to determine the two digit number they will build (for example, 7 beans on the tens and 2 beans on the ones will be 72). After that the student builds the two digit number with connecting cubes, i.e., 7 sets of ten and two single cubes). Then they record on the sheet the number in standard form and with tens and ones.

Possible Picture: Students will draw a picture of the gameboard and the cubes, the numbers, pictures of them with their friends.

Possible People Talk: Many students will write about the fun they had playing the game. They are encouraged to write about the rules of the game, the materials, and the numbers.

Feature Talk: beans, board, paper, pencil, cubes, tens, ones, groups

Possible Symbolic Representation: Students are asked to show representations of two digit numbers.  $20 + 7$ , 27, 2 tens and 7 ones.

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