

STEAM Challenge: Create a Life-Size Multiplication Table!

2-3.CT.6 Create two or more algorithms for the same task.

Lesson Objective: Skip-counting patterns can be expressed with manipulatives.

Some skip-counting patterns are easy, like 1s, 5s, and 10s. Others are harder, like 4s and 6s. Today we are going to practice skip-counting with different counters.

Activity: Fill out a 10 x 10 multiplication chart on a tile floor with white board markers. Students will write the equation as a multiplication sentence ($4 \times 4 = 16$) and a repeated addition sentence ($4 + 4 + 4 + 4 = 16$)

(Alternative: you can also use printer paper or large index cards if you don't have a tile floor, whiteboard markers, or permission to write on the floor. 😊)

Students will be solving the problems by placing the number of counters needed to create the product on the square tile.

Have each skip-counting row or column have its own object (e.g. cubes, paper clips, popsicle sticks, etc.)

Materials Needed: Counters White board markers, index cards

