Area Game Directions – For Teacher

- Graph Paper and Colored Pencils or Game boards in dry erase sheets and dry-erase markers

- Two 10-sided dice

Practicing finding and filling an Area:

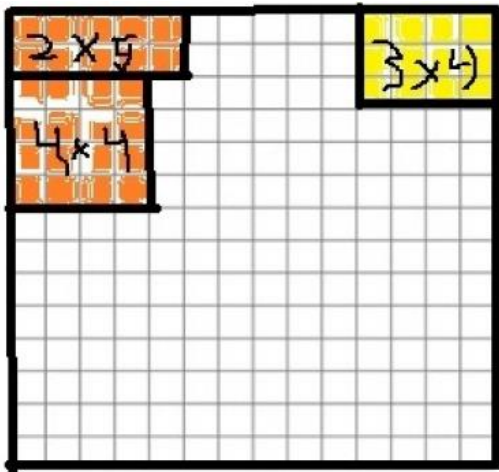Students need graph paper (inside a whiteboard is great!)

Whole group version:

Roll two ten-sided dice. Each person fills in an area that size on their graph sheet. If they run out of space, they skip that turn. The first one to fill their graph page in wins.
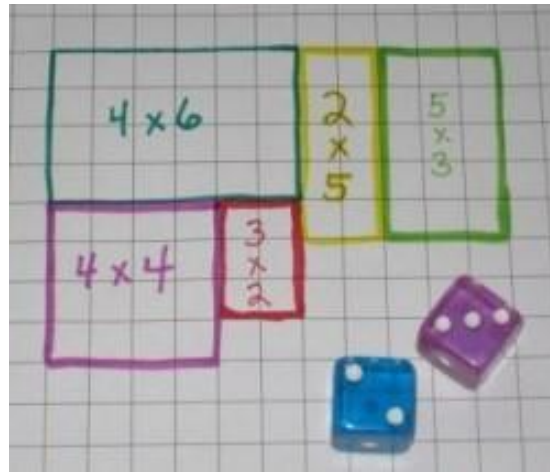
Two-player version:

Two players on one board- take turns to roll the dice and filling in the area (use two different color markers). The first player who can't use their dice roll loses. You can also play the person who ends up with the most area wins, to practice adding up all the area on a game board.

Copy Student directions on next page, cut in half and give direction to players.

Example with shaded area

Using regular dice for younger players.

Area Game

Materials:
- Graph paper and colored pencils or game boards in dry erase sheets and dry-erase markers
- Two 10-sided dice

Directions:

1. Roll the two dice and use those numbers as the sides of your shape.

2. Draw outside line forms the perimeter of your shape.

3. Write the multiplication problem for the area of the shape inside.

4. Color in the area with a colored pencil or dry-erase marker. You will be coloring in the area of the shape.

5. When there is no more room to place your next shape, the game is over. The player with the most area is the winner.