Grade 4 – NUMERACY – LESSON 2

Blackout Board Game – Computational Fluency Practice

Multiplication practice to 6x6

Materials:

- Grids
- Dice
- Coloured pens or crayons
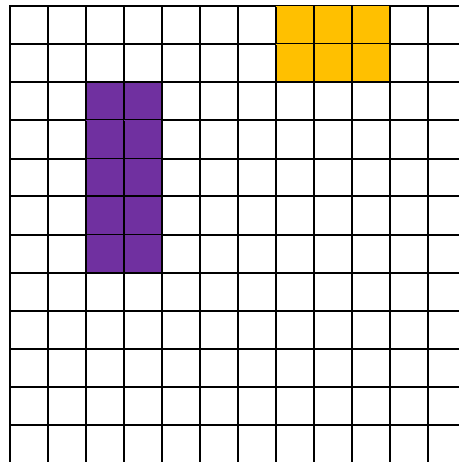
  Play on a piece of graph paper on a 12 x 12 or larger grid. You can use your own graph paper, draw one, or find a grid here https://mathforlove.com/lesson/blockout/.

How to Play:

Players choose colours and decide on Player A and Player B.

Player A rolls the dice, then shades in a rectangle according to the numbers on the dice. For example, if a player rolls a 2 and a 5, they would shade in a 2 by 5 (or 5 by 2) rectangle.

Then Player B rolls, multiplies the numbers on the dice, and shades in their rectangle on the same grid. What numbers did Player B roll?

Important:

- No one can shade in a square that has already been colored.
- If there is no room on the grid to fit the rectangle a player rolls, then they pass. If all players pass in a row then the game is over. (The fewer the leftover squares, the better the game!)

- At the end of the game, players get a point for each square they coloured in.
- Players can play in groups of 2-4, or individually. If playing individually, the goal is to fill up as much of the grid as possible.

Here is a grid you may choose to use.