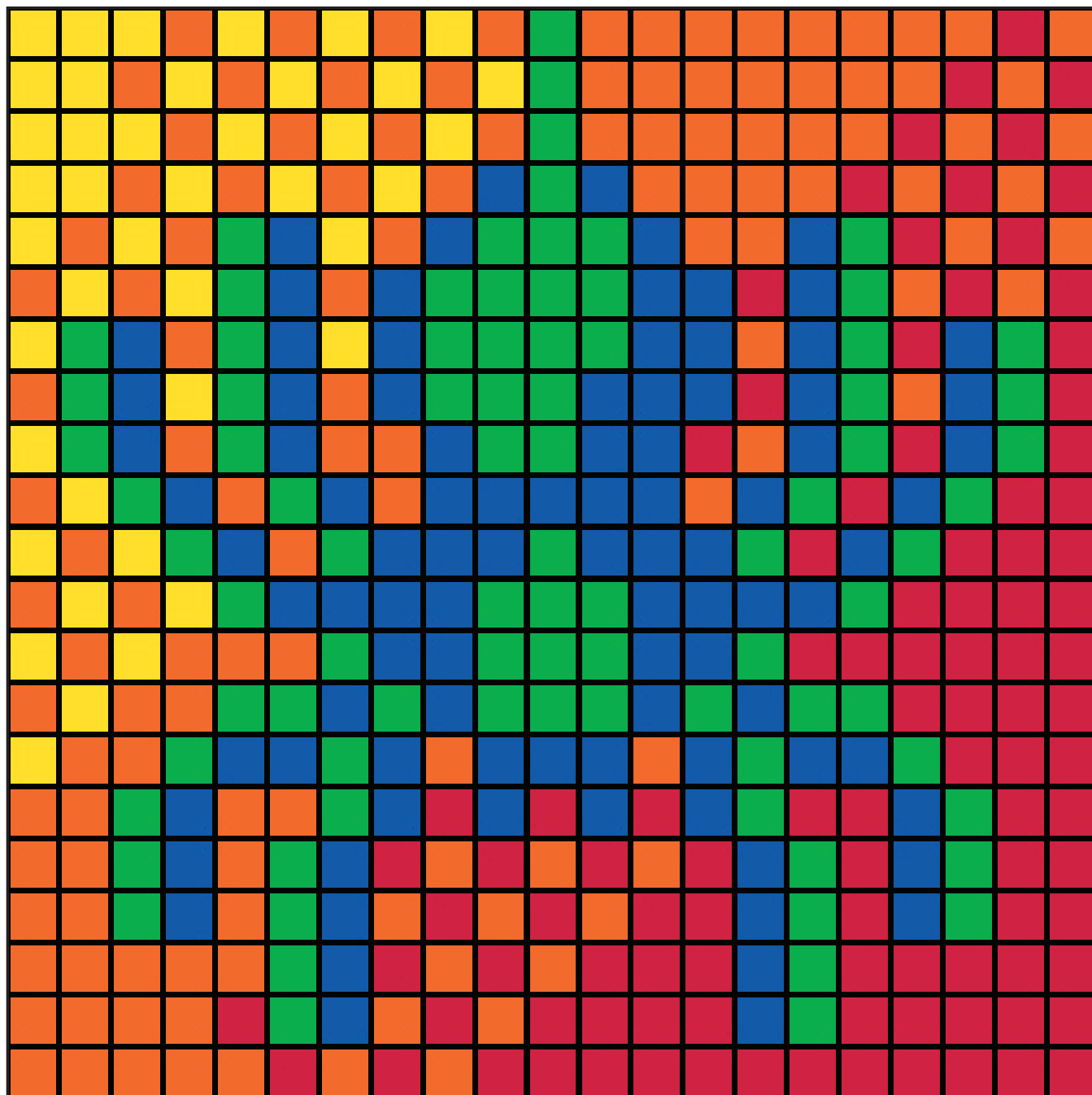




Spider





Instructions

You and your team are building a Rubik's® Cube mosaic. Just like solving a Rubik's Cube, building a mosaic must be done in careful steps. Building a Rubik's Cube mosaic is a great activity to do when you are learning to solve the cube because you only need to solve one side or the first layer. Manipulating the cubes to match the template allows you to practice solving the first layer.

One of you will be the leader and the rest of you will be builders. It's important that the leader keeps track of the progress of the entire mosaic while the builders will stay focused on their sections.

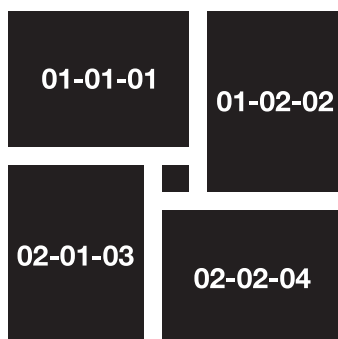
The mosaic is made of 49 cubes which are organized into 4 sections of 12 cubes plus an extra center cube.

Each of the section pages have a special number that looks like this:

ROW COL NUM
02 - 02 - 04

The first number is the row; there are 2 rows. The second number is the column; there are 2 columns. The last number is the section number; there is a total of 4 sections. Check the Leader's Sheet (page 7) to see how the center cube should be solved.

Here's a visual to help you understand better:



The leader will give each builder a section to work on. Each builder should only work on one section at a time. After each cube is manipulated to match the template, cross it out on the page with a pen. When a builder is finished with their section, they need to check that each cube is in the correct pattern and orientation as shown on their section page. Once they've checked, they will call for the leader to double-check the section and then will be instructed by the leader where to place their section.

Be very careful when moving sections. Don't pick up too many cubes at once, two or three at a time but never more. It's very easy to drop the cubes. Use baking sheets or lunch trays to move sections close to the mosaic and then move the cubes from the trays to the mosaic.

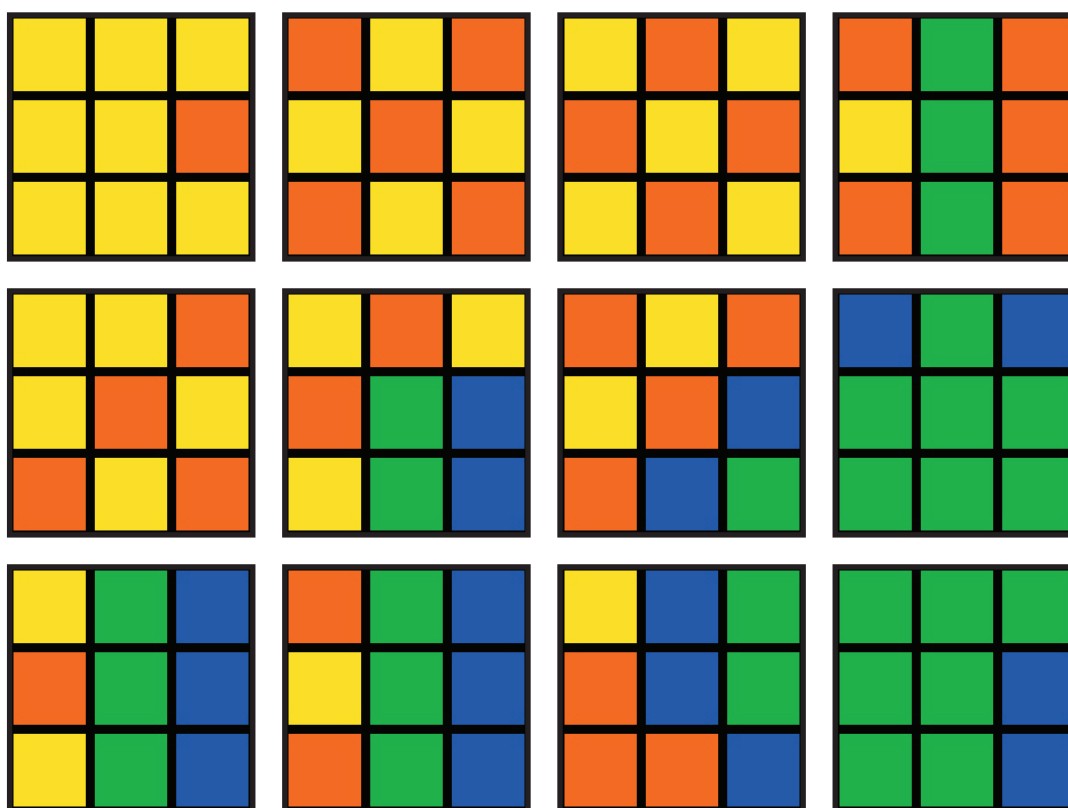
Have fun!

Materials Needed:

- 49 Rubik's® Cubes
- Mosaic Template Pack
- Baking sheets or lunch trays
- Pens or pencils
- Raised work surface
- Lots of open floor

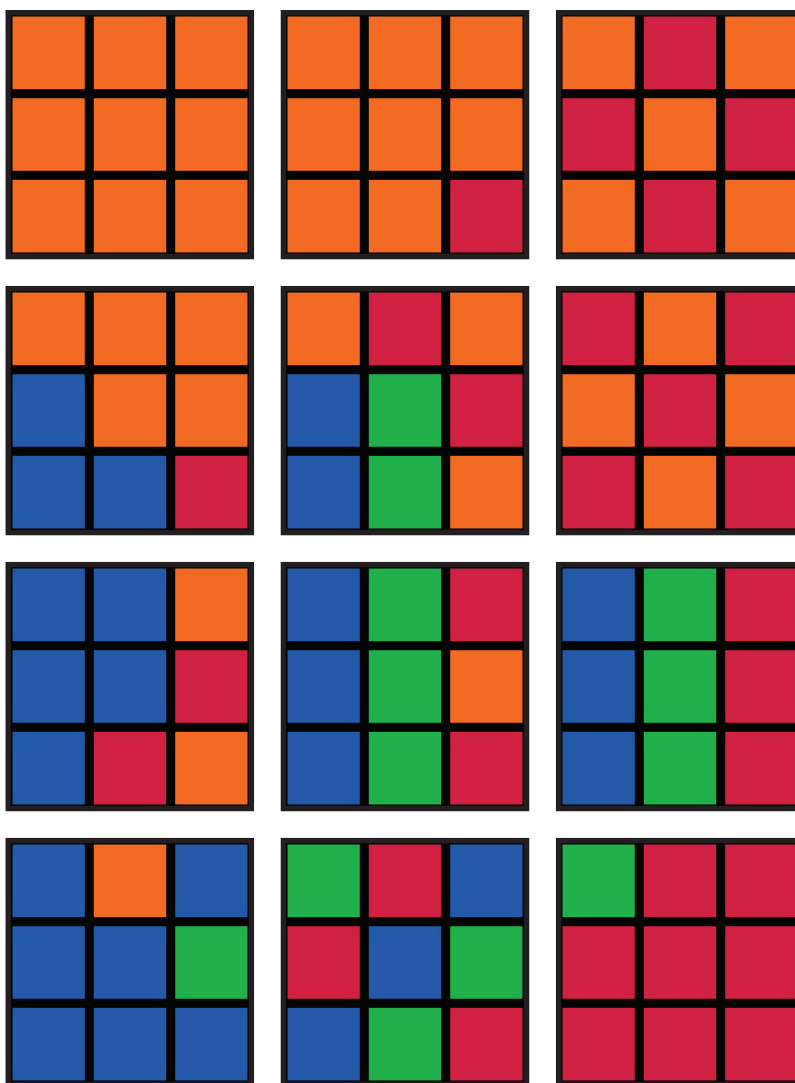
ROW COL NUM
01 - 01 - 01

Spider



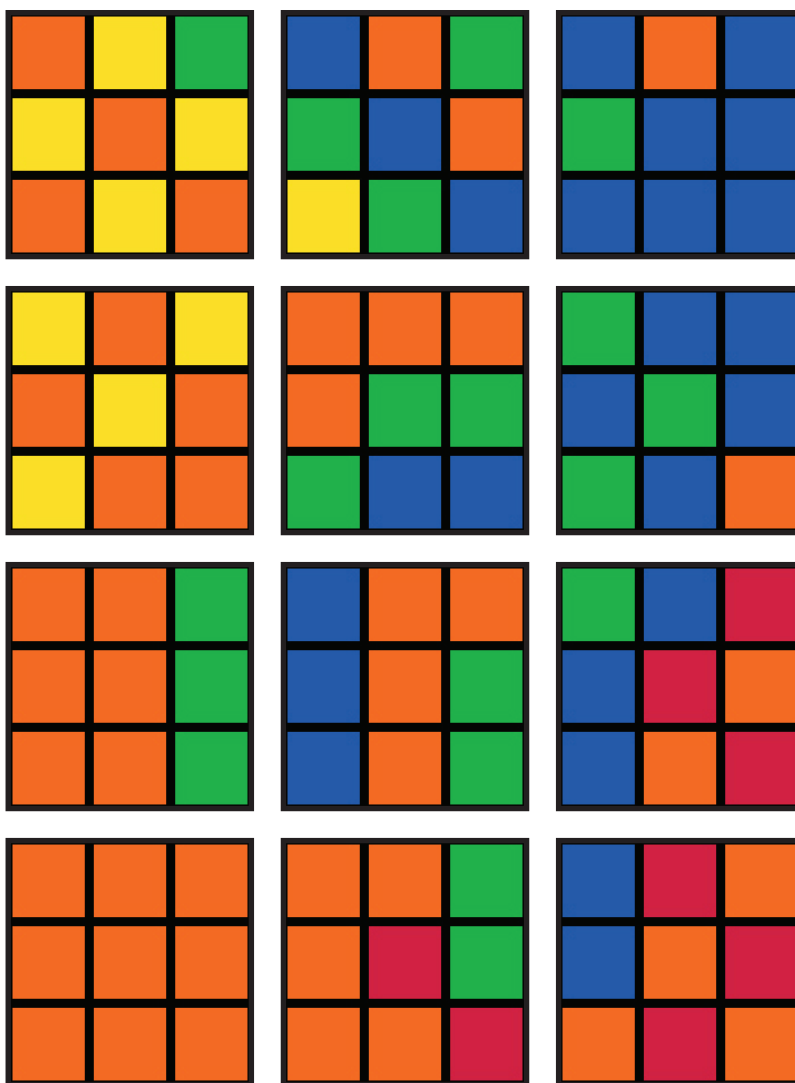
ROW COL NUM
01 - 02 - 02

Spider



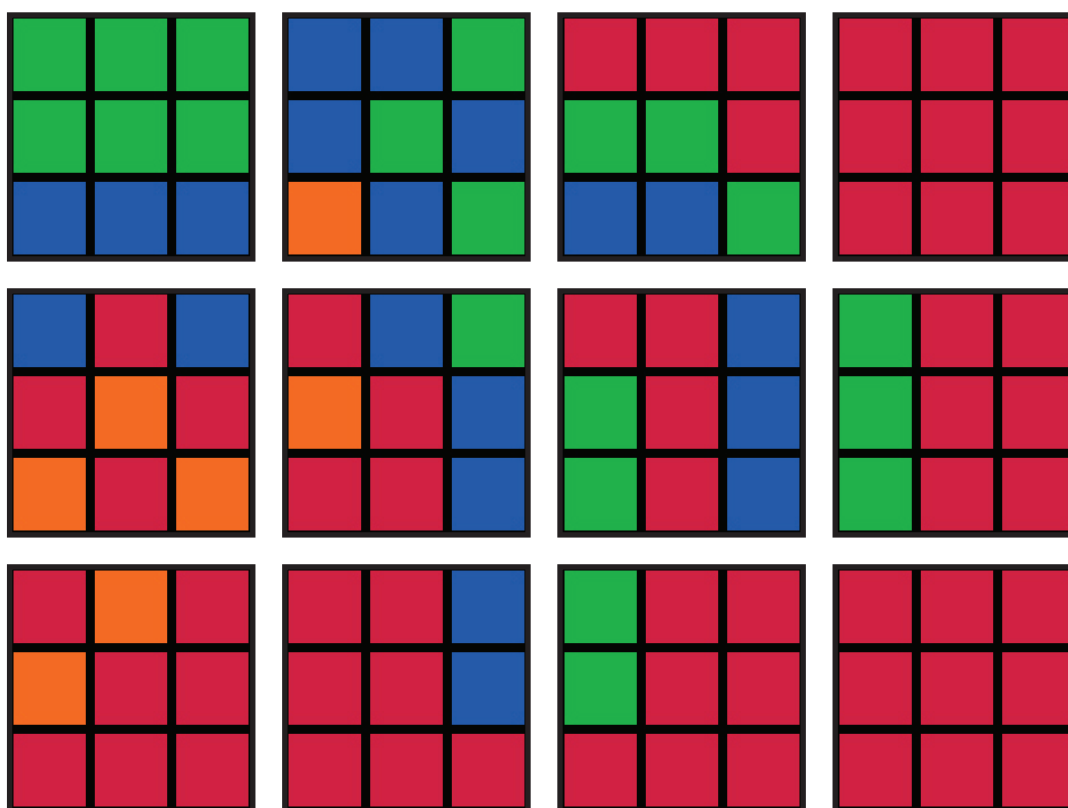
ROW COL NUM
02 - 01 - 03

Spider



ROW COL NUM
02 - 02 - 04

Spider





Leader's Sheet

