

# Mid-Level & Advanced Coding Game

## Materials:

Shape Cube

Shape Cards

Grid

Tape

Arrows from Beginning Coding Game

## Mid-Level

Once your students master the beginning coding game, this is the next level. You can have students practice moving through the grid as a maze. You can add the shape cards to your grid. Then make the paper shape cube. Have your students roll the cube and whatever shape comes up they need to code with the arrows to get to the shape. This is a fun way to practice coding.

## Advanced Level

This same game can be taken to a higher level. Have your students roll the cube three times to make a sequence of shapes that they must write a code with arrows to reach each shape they had rolled. This is a longer code and it will take more time and thought.