

# Magic Cubes

**Object:** to stack the cubes such that no one number is repeated on a side of the stack

**Materials needed:** a set of four *Magic Cubes* nets, tape or glue

**Number of players:** 1 or more

## Teacher Preparation

Print out, copy, and cut out a set of four *Magic Cubes* nets for each student or group. Fold on the dotted lines, and tape or glue the nets to form cubes.

## Game Play

- **Playing the game**

Each player or group receives four different cubes. Each cube has a number on each of its six faces. The players stack the cubes one on top of another such that no one number is repeated on a side of the stack. Each side will show the numbers 1, 2, 3, and 4 and will add up to 10.

- **Winning the game**

The game is won when the numbers along each side of the stack add up to 10, and no number is repeated on a side.

## Discussion

Ask students if they discovered any strategies while playing this game.







