

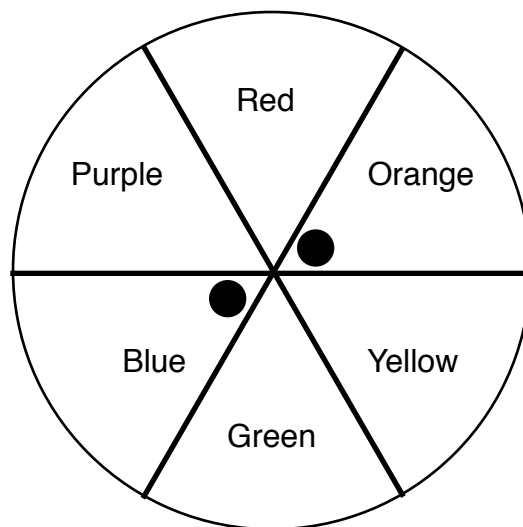
Name: _____ Homeroom : _____

Color Wheels

Materials: Crayons, scissors, string

Procedure:

1. Cut out the circles on last page.
2. Color one circle in a variety of colored wedges to create a color wheel like the one below.



3. Color the other wheel with two different colors (your choice).
4. Poke 2 small holes about $\frac{1}{2}$ an inch apart from one another in the center of the wheels.
5. String a piece of string (about 1 $\frac{1}{2}$ foot) through the holes and tie together so that you have formed a loop of string that goes through both holes in the disk.
6. Push the wheel to the middle of the loop of string. Loop the string around each of your index fingers and twist the string until it is twisted up the color wheel. Gently pull your fingers apart and the wheel should spin!

Name: _____ Homeroom : _____

Observations:

Colors on the first wheel: _____

When spun the color seen on first wheel: _____

Colors on the second wheel: _____

When spun the color seen on second wheel: _____

Conclusion:

1. What two colors would you put on a circle to result in orange?
2. What two colors would you put on the circle to result in green?
3. What two colors would you put on a circle to result in purple?
4. Do the colors on the wheel mix additively or subtractively as the wheel spins?
5. Where does the mixing of the colors take place?

Name: _____ Homeroom : _____

