

# SCIENCE @ THE LIBRARY

## MAKE AND TAKE THIS EXPERIMENT HOME!

### COLOR SPINNERS

Observe the effects of rapid movement using colors and see how colors change and how different colors can be made.

#### **MATERIALS NEEDED:**

Strong string such as kite string  
Cardboard circles (2-4" in diameter)  
Crayons or markers  
Scissors

#### **WHAT TO DO:**

Color the circles with the crayons or markers. Draw colorful designs or bold blocks of color on both sides.  
Cut a piece of string about 36-48 inches long. Thread the string through the two holes and tie the two ends together.  
Hold the end loops with your fingers in the loop on each hand and twist it. Pull the string and make the cardboard circle spin.

#### **QUESTIONS TO CONSIDER:**

Observe the pattern on the spinning circle. What do you see?  
What colors did you see?  
Did the colors seem to mix and become other colors?  
Did you make stripes?  
Would it be different with crayons instead of markers (or vice versa)? Try it.  
Color one side with lines, the other with dots, what do you see happening?