

## Seeing Color

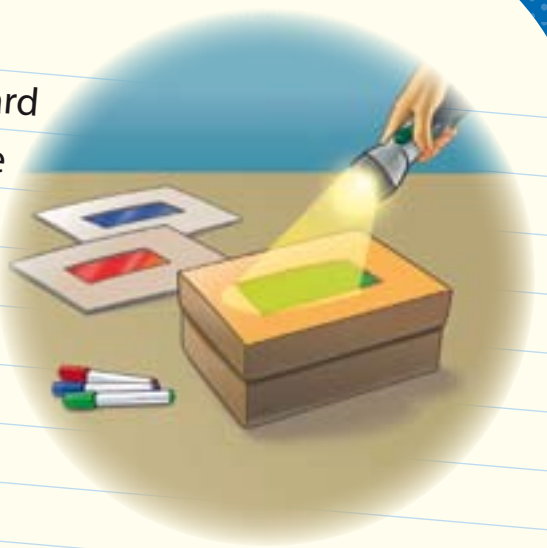
### You will need:

- scissors
- three pieces of card stock the size of a shoe box lid (you can use the lid as one of them)
- clear tape
- red, blue, and green **cellophane**
- a plain 4 × 6 inch (10 × 15 centimeter) note card
- red, blue, and green marker pens
- a shoe box
- a flashlight

### What to do:


1. Cut a rectangular hole in the center of each of the three pieces of card stock.
2. Tape a rectangle of red cellophane over the hole in one of the pieces of card stock.
3. Use the green and blue cellophane on the other two pieces of card stock.
4. On the note card, color three equal-sized stripes of red, green, and blue with the marker pens.
5. Tape the note card inside the bottom of the shoe box at the center.

6. Place one of the pieces of card stock over the box and shine the light through the cellophane onto the colored stripes below.
7. Repeat this with each color.



### **Surprise a friend:**

Show a friend what happens to the color stripes and the white around them each time you change the cellophane color. You'll need to explain that most cellophane lets small amounts of all colors through.



Everything we do uses energy. Without energy, the earth wouldn't have plants, animals, or people. The next time you have a snack, think about all the energy that's part of the food you are eating. It is about to become part of you!

