

Master List of Supplies Needed:

Activity 1

You will need:

- a jump rope
- a flat area of floor (wood, tile, or cement)
- two yardsticks
- masking tape
- an iPhone camera, or any camera capable of capturing slow motion videos
- a printout of Activity 1 Worksheet

Activity 2

You will need (for each student):

- a printout of the Color Wavelength Rulers and Complementary Color Wheel (1 sheet)
- a printout of the Color Prediction Problems (5 sheets)
- scissors
- a printout of Activity 3 Worksheet

Activity 3

You will need (for each group of students):

- iridescent Cellophane Foil, cut into at least three 3" x 3" sheets (Iridescent Foil can usually be found in Craft Supply Stores)
- 1 sheet of black construction paper
- 1 sheet of white copy paper
- Scotch Tape or Masking Tape (both, if possible)
- a camera (preferably on a phone or other handheld device)
- 9 plastic cups (we used red Great Value 9 Fluid Ounce Party Cups)
- scissors
- an exacto knife or box cutter
- a desk lamp with an adjustable head
- a dark room, to cut down on ambient light
- a Black Sharpie Pen
- a printout of the Activity 3 worksheet