

# Shopping List for 1<sup>st</sup> Grade: Physics of Light

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**How many of these items do you already have?** We've tried to keep it simple for you by making the majority of the items things most people have within reach (both physically and budget-wise)

- aluminum foil
- baking dish (shallow)
- balloon (9" round, white)
- box
- bright light source
- candle (votive)
- CD (an old one)
- clear tape OR cellophane OR plastic wrap
- clothespins, 2-4
- crayons
- cup
- dark room
- dollar bill
- feather
- fingernail polish (red, yellow, green, and blue)
- flashlights, 2 (at least)
- glass containers (one MUST be Pyrex)
- glass jar
- gummy bears (green and red)
- hair (single, from your head)
- index cards
- laser pointer
- lenses (glass or plastic - magnifying lenses work)
- light sticks ([true color](#) red, green, and blue)
- magnifiers, 2 (hand held)
- marker (black)
- matches
- milk (a few drops)
- mirrors, 3 (all the same size)
- old piece of wood
- paper clips
- [PDF file template](#)
- penny
- plastic lens (biconvex)
- pond water
- razor (or scissors with adult help)
- razor blades, 2 (with adult help)
- rubber bands
- ruler
- scissors
- sink
- string (about 3 feet)
- sunlight
- tack
- tape
- tracing paper
- [UV black fluorescent light](#)
- vegetable oil
- water
- white wall space
- wooden skewer (or sharp wood pencil)