

Homemade Spectroscope



Materials for Homemade Spectroscope

- Empty paper towel roll
- **Craft knife** and/or scissors
- **Blank** or old CD
- Pencil
- Small piece of cardboard or **cardstock**
- Tape
- Paint (optional)

Making a Homemade Spectroscope

1. If you'll be painting your paper towel roll, you'll want to do that first and let it dry. (This step isn't necessary, but it's hard for us to pass up an opportunity to paint something!)
2. Use a **craft knife** (an adult should do this) to cut a thin slit at a 45° angle toward the bottom of the cardboard tube.
3. Directly across from the slit, make a small peephole or viewing hole using your **craft knife** (another step for an adult).
4. Trace one end of your paper towel roll onto your small scrap of cardboard or **cardstock**. Cut it out.
5. Cut a straight slit right across the center of your cardboard circle.
6. Tape the circle to the top of your spectroscope.
7. Insert the **CD** into your 45° angled slit with the shiny side facing up.

Link: <http://buggyandbuddy.com/homemade-spectroscope/>