How to Build

1. Cut a CD into pie slices, no wider than ¾ of an inch (1.9cm). If you use a protractor to measure 15 degree slices, you can get 24 slices per CD. Cut the CD using a plastic cutter (best), razor blade (2nd best), or sharp pair of scissors.
2. Print this page on dark colored construction paper (Don’t use black, because you won’t be able to see the printed ink. We find blue or purple work well.)
3. Cut out the spectrograph by cutting along the solid lines.
4. Cut out the slit and viewing window. Cut the slit as narrow as possible.
5. Fold along the dotted lines Glue the CD in place, shiny side up. (Be careful not to put fingerprints on the CD)
6. Cut glue on the places it says “Glue Here” and fold these pieces to the inside.
7. You’re done!! Use your new spectrograph to look at many different kinds of light.

Warning: Never look directly at the Sun!