

# Grating Spectrometer - [ziad.ganim@yale.edu](mailto:ziad.ganim@yale.edu)

1. Print this out and use it to cut the 3 spectrometer pieces out of heavy cardboard.

Cut along the heavy lines: 

Score along dashed lines: 

(Make sure the slit is made out of white cardboard.

The other parts can be any color.)

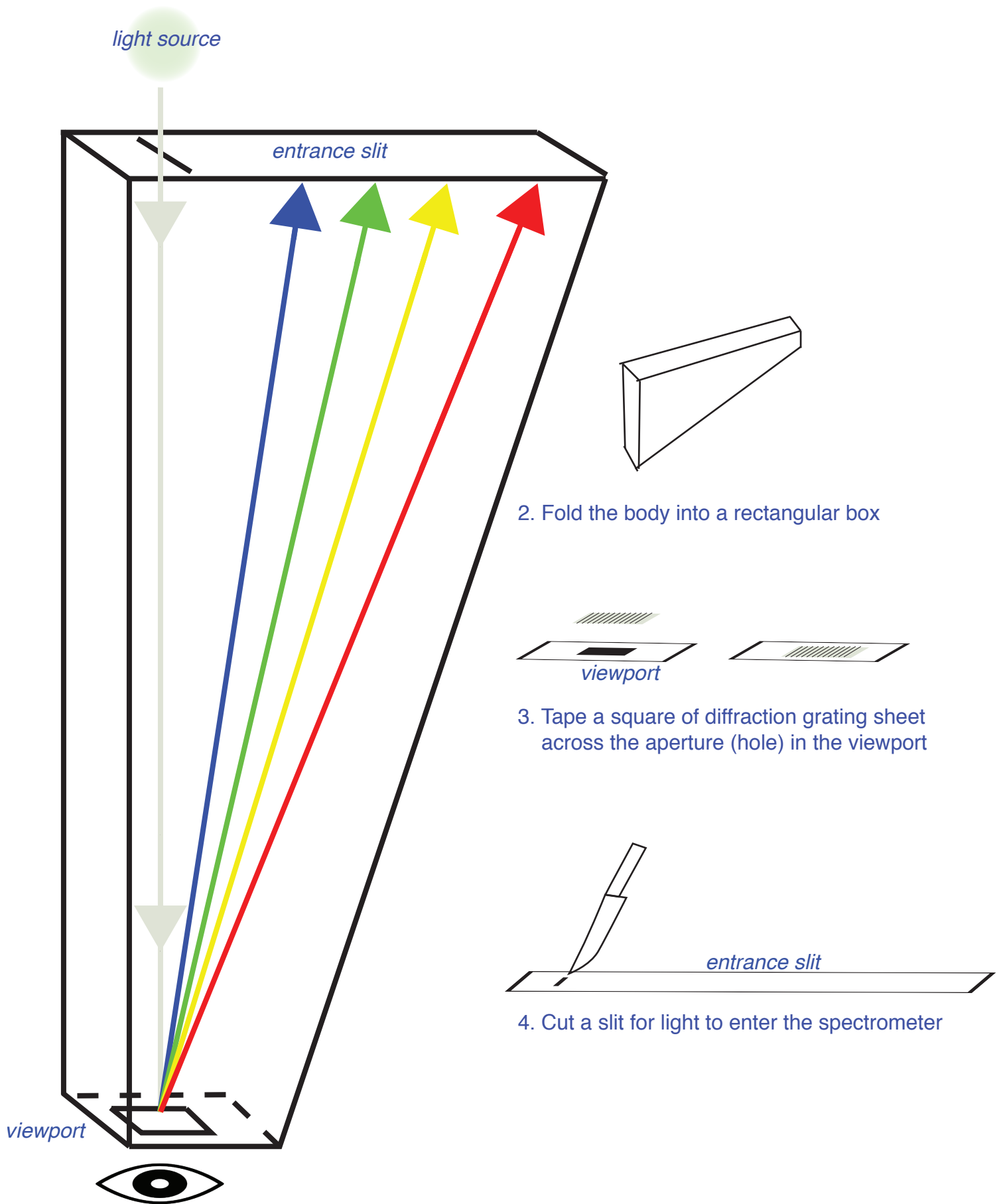
*body*

*entrance slit*



*viewport*





5. Tape the spectrometer body together with the viewport and slit on the ends. Make sure the slit is directly across from the viewport.
6. Look at a light source through the viewport and through the slit. View its spectrum to the right of the slit.