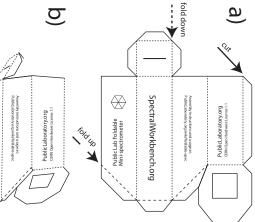


Cut along the outer edge. Fold up or down as indicated by the dotted and dashed lines. All labels should stay on the outside.



or tape all flaps down onto the outside. Except for the diffraction grating door, glue





make a diffraction grating from a DVD-R A diffraction grating is a series of close slits that disperse light.







transparent layer. Try to pick a clean piece without fingerprints or scratches. and trim a small clean square out of the quarters, peel off the reflective layer To make one from a DVD-R, split it into







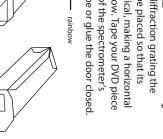
grating is vertical, making a horizontal spectral rainbow. Tape your DVD piece To work as a diffraction grating the door, then tape or glue the door closed. to the inside of the spectrometer's DVD-R must be placed so that its





intensity

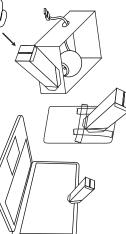


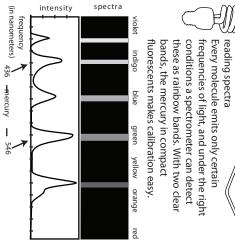


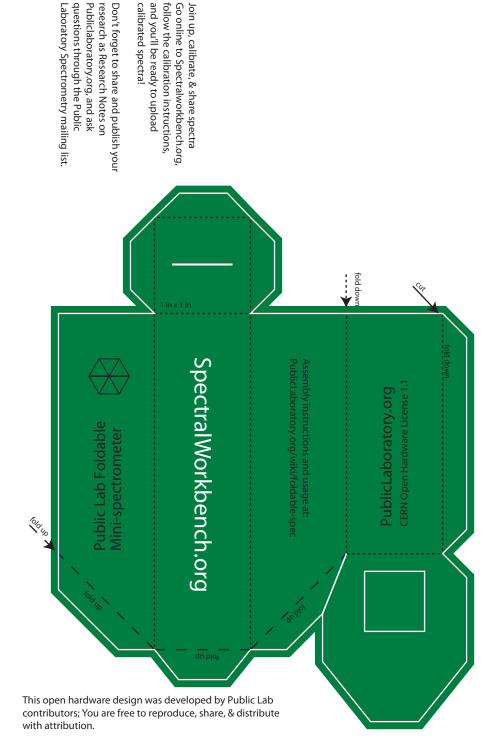
spectra



middle of the image, and tape down firmly carefully so that the rainbow is in the camera phone, laptop, or with the help of a box, attached to a webcam. Line up so that the spectrometer stays rigid. The spectrometer can be mounted on a







Publiclaboratory.org, and ask questions through the Public research as Research Notes on calibrated spectra!

and you'll be ready to upload

