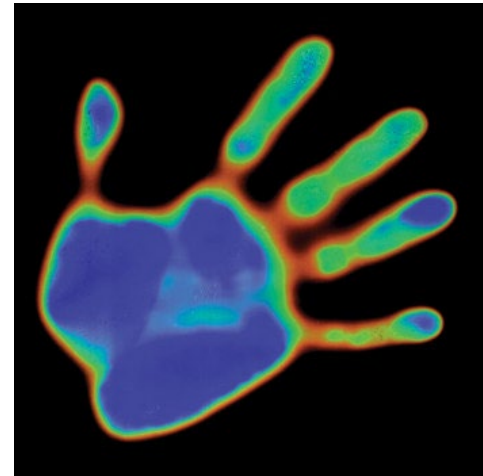
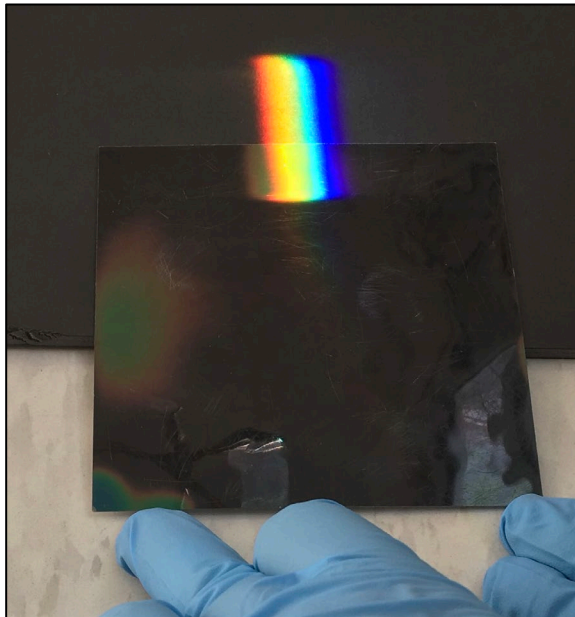


Lab Experiment – UV and IR from the Sun

Infrared

Use a prism and a heat sensitive liquid crystal card to demonstrate that there is IR light in sunlight:

- Set up the prism to split the sunlight into a “rainbow”
- Devise a way to use the LCD card to detect the IR radiation (absorbed IR leads to heating)

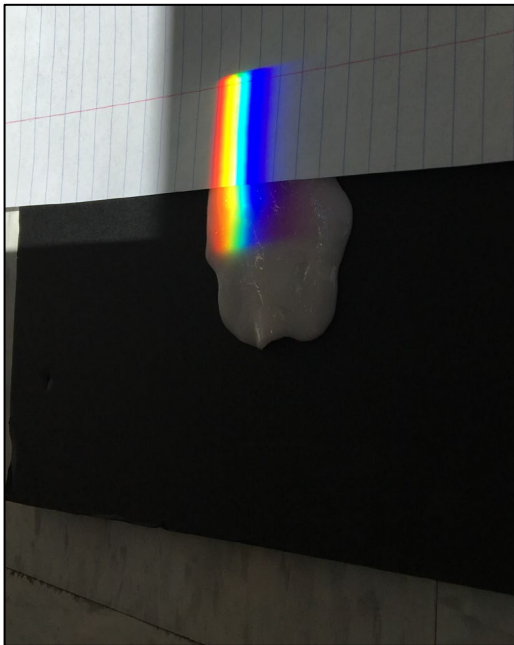


Lab Experiment – UV and IR from the Sun

Ultraviolet

Use a prism and UV reactive putty to demonstrate that there is UV light in sunlight

- Set up the prism to split the sunlight into a “rainbow”
- Devise a way to use the putty to detect the UV radiation



<https://www.vat19.com/item/uv-phantom-thinking-putty>