

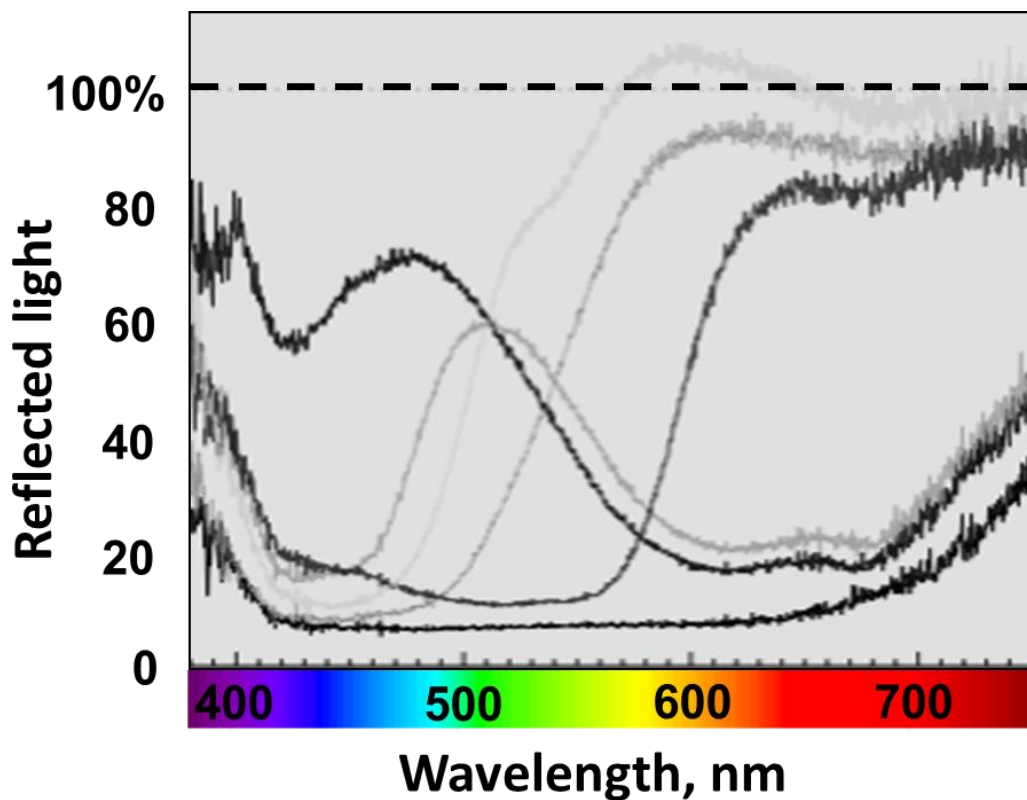
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NAME:

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1. Do you know how *colored paper* (think construction paper) works? When illuminated with white light, each colored sheet *selectively reflects only a certain “color”* (i.e. range of wavelengths). Since white light is composed of all “colors” - wavelengths, that means that some wavelengths get reflected well, some almost disappear from reflected light spectrum.

The graph below shows measured light reflected off *six different colored paper sheets*. The *percentage* of reflected light is plotted against *wavelength* (‘color’). Each curve was produced by a single uniquely colored paper sheet. Identify each curve by its corresponding paper sheet color.



2. Can you sketch (on the same graph above) what a white paper sheet curve might look like?