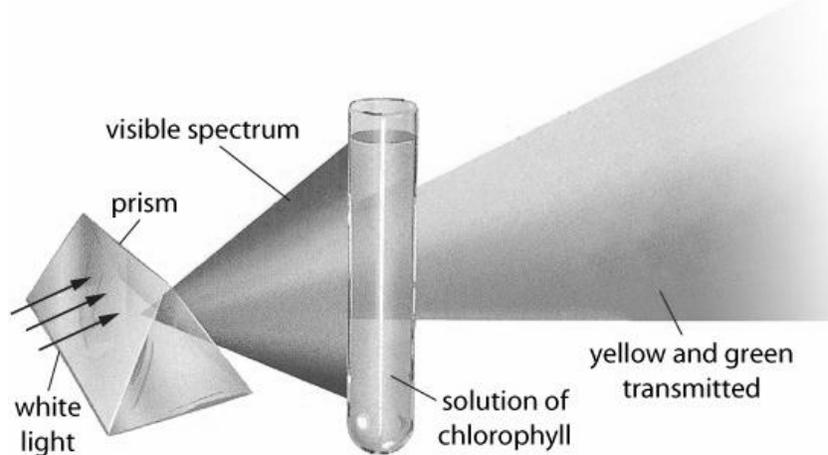
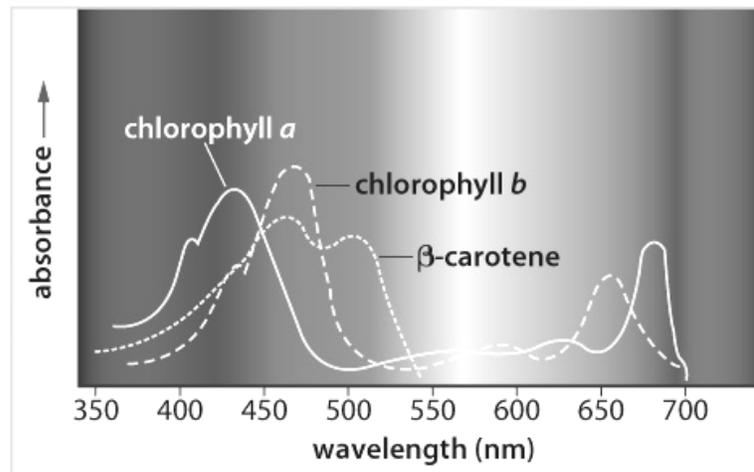


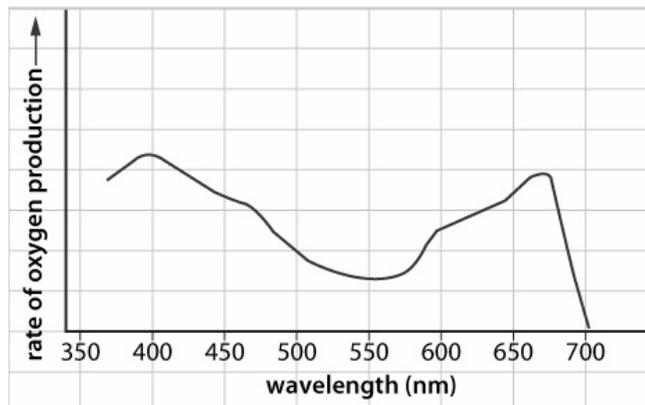
# Light-reflecting and Light-absorbing Characteristics of Pigments



When you look at an object, you see the colours that were *not* absorbed by the object.



This absorbance spectrum for three photosynthetic pigments shows that each pigment absorbs a different combination of colours of light.



This action spectrum for photosynthesis shows the rate at which oxygen is produced during photosynthesis. Notice that the shape of the graph line generally mirrors the shape of the graph lines in the absorbance spectra above.