

M15 Lab Day

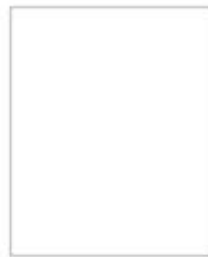
Thursday, April 07, 2011
7:57 PM

Slides

Lab 15.1



window with sun shining in



white sheet of paper



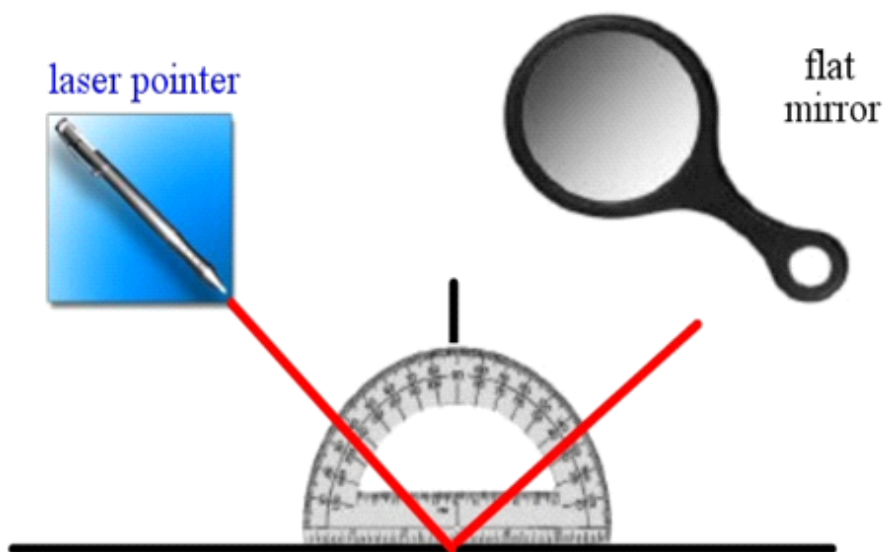
pan, water, mirror

Notes

Make a rainbow

Lab 15.2 : The Law of Reflection

Try it to see if the angles really do match



Alternate version of Lab 15.3

Use the Knox Blox recipe on the Knox Gelatin package but just use water instead of juice. Use a laser pointer or flashlight with a slitted paper cover to examine how different cuts produce angled beams.

This lab set up works much better than the one in the text and allows the student much more discovery about how cuts in the gelatin impact the beam of light. If the student uses a laser pointer instead of a flashlight, remind them to be careful not to let the beam go across anyone's eyes.



Lab 15.4



water



quarter



shallow pan

The Magic Quarter

Look from the side and try to touch the quarter. Harder than it seems.

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