

# Looking into the Skies

## **Hands-on Optics -- Building a Refracting Telescope**

**For teachers of grades 3-8**

**September 13, 2008**

**8:30AM-1:30PM**

**119 Chambers Bldg**

After viewing a few educational demonstrations of simple optics, participants will solve several challenges using glass lenses to create images of distant objects and will use this knowledge to make a working refracting telescope similar to Galileo's telescope. Participants will also be introduced to an online series of lessons on optics and the use of light in the classroom. Come join us for an engaging day that will brighten your horizons.

Participants will receive:

- Lesson plans on optics and uses of light
- Instructions on the making of a refracting telescope
- Continental breakfast and lunch

This workshop is FREE to all educators with Act 48 credit available

**Sponsored by**

**The Center for Science and the Schools  
119 Chambers Bldg.  
Pennsylvania State University  
University Park, PA 16802**

To register visit: <http://csats.psu.edu/workshops/registry.cfm>

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