Activities

Let There Be Light!

Grades: PreK–K, 1–2, 3–5, 6–8

Overview
Students learn about light, color, shadows, how the eye works by visiting selected web sites in a "tour".

Tour Itinerary
How Light Works
http://www.howstuffworks.com/light.htm
Bob Miller's Light Walk
http://www.exploratorium.edu/sln/light_walk/
Steen-Hall Eye Institute
http://www.steen-hall.com/g_howeye.html

What contains the colors of the rainbow, travels in straight lines at 186,230 miles per second, and allows us to see by bouncing off objects around us? Light! There's a lot more to light than meets the eye so join us as we explore sites about this essential form of energy.
Let's first discover *How Light Works*. Learn what changes white light into a rainbow, why roses are red, and how objects appear black or white.

Next, take a *Light Walk* with "sun artist" Bob Miller. Through text and photos you'll learn the science behind shadows and light. Plus, try the activities and see how sunlight can shine through pinholes in so many fascinating ways. Do you agree with Bob that all light is in the form of images?

- **Subjects:**
  - Light, Color, The Human Body, The Five Senses