Light

Lighten Up: Designing Lighting Systems

TEACHER RESOURCES

Introduction to the Electromagnetic Spectrum
This web site from NASA explores the electromagnetic spectrum in all its parts, including visible light. Beautiful graphics and images are used to illustrate wave behavior concepts. Though some information is specific to astronomy, teachers looking for background information about waves and light will find this useful.

http://missionscience.nasa.gov/ems/01_intro.html

PBS LearningMedia™: Light
This list of resources from PBS LearningMedia™ includes interactives, videos, and lesson plans about light. Resources are primarily videos. Requires free registration with PBS LearningMedia™.

http://bit.ly/1a6n7iH

The Reflection of Light
The Optics4Kids website of the Optical Society explains concepts behind the reflection of light using text and diagrams. Additional resources and activities are provided.

http://www.optics4kids.org/home/content/what-is-optics/reflection/the-reflection-of-light/

VIDEO FOR STUDENTS

Destination: Egypt, Pyramids
This video from National Geographic introduces viewers to the Great Pyramids of Giza. The video gives a brief overview and quick glimpses inside some of the pyramids. Note: this video may begin with an advertisement. (3:17)


STUDENT RESOURCE

Ancient Egypt
This interactive website, developed by the British Museum, is designed to help students explore life in ancient Egypt. Particularly relevant sections include “pyramids” and “writing,” accessed with the tabs on the left of the screen. Clicking on “staff room” takes you to a related site designed for educators.

http://www.ancientegypt.co.uk/

Want to suggest other resources for the unit? Write to eie@mos.org. For science and literacy resources that support other EiE units, visit eie.org.