

Heat

Lesson 6

When Paul had gathered a bundle of sticks and put them on the fire, a viper came out because of the **heat** and fastened on his hand. Acts 28:3

Review transfer of thermal energy by
conduction and convection.

How is thermal energy transferred by radiation?

- Radiation- energy in the form of rays, waves, or particles that moves from one place to another
- All objects radiate or send out energy.
- Radiation can flow through air, a vacuum (space), or other mediums.
- Examples

Sun	Light
X-rays	Sound
Campfire	Heat

Activity

- Put different colored clothes/objects in the sunlight.
- Check which colors/objects were warmer than others.
- While waiting, watch video on conduction, convection, and radiation.
([Discover Education-TLC Elementary School: Intro to Physical Science \(Thermal and Light Energy #2\)](#))