



Topic: Sun's Energy and the Atmosphere

Lesson: The Greenhouse Effect in a Jar

Materials Needed:

- 2 Thermometers
- [The Greenhouse Effect in a Jar Data Sheet](#)
- Jar
- Pencil
- Pen
- Watch or Clock
- A Sunny area, inside or out

Topic: Potential and Kinetic Energy

Lesson: Potential and Kinetic Energy

Materials Needed:

- Measuring Tape or Ruler
- 1 Set of happy/sad spheres/balls
- 1 Larger sized ball
- Safety Glasses
- Tongs
- Cup of Hot Water
- Hard Surface

Topic: Energy Sources – Power Plants

Lesson: Film a Documentary

Materials Needed:

- Energy at a Glance Posters
- Access to a Computer
- Paper/Pen/Pencil
- Use of a Cell Phone to record your Documentary

