

Peanut power

Concept—Food energy



Caution:
Supervision
required

CURRICULUM LINK:

Science Curriculum—Living Things strand

Experiment—Caution: ONLY to be carried out by an adult or teacher!

You will need:

- Peanuts
- Skewer
- Constant flame (Bunsen burner/flame torch)
- Test tube of water

1. Push the peanut onto the skewer.
2. Place the test tube with a little water in a clamp/stand.
3. Place the peanut into the Bunsen flame until it lights.
4. Hold the burning peanut under the test tube of water.

Peanuts are a high-energy food. By burning the peanut you are releasing its chemical energy and changing it to heat, light and moving energy. The heat energy released causes the water in the test tube to boil.

