

ENERGY

SCIENCE BADGE ACTIVITY SHEET

This is a sample Energy Activity Sheet only. Its main purpose is to show you some of the interesting activities that you can do when you choose this badge. Also, you can use this sample sheet to start doing the badge activities, while your teacher is sending away for the full activity sheet and badge. If you have completed some of these activities before your full sheet arrives, your teacher can mark this sheet, then transfer the marks to the full activity sheet.

Rating

Exercises in Energy

Teacher's
initials
and date

1* Find and mount pictures of 6 different energy converter devices. State what kind of energy each type of device produces.

3* Design a bumper sticker on Energy.

4*** Build a working candle operated steam turbine from simple materials.

7* Make a large wall chart showing what **Conservation of Energy** means.

10*** Build a working model of a solar water heating system using everyday materials.

13* Units of energy are usually measured in joules (J). For 10 different common foods, plot a graph of the energy content.

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