

WORKSHEET 2

Part 1: Types of energy

1. List nine forms of energy and provide examples of each of each.
2. Classify the forms of energy you have written down into the two main types of energy discussed in the reading passage. Provide a heading for each group.

Part 2: Energy transfer & energy transformation diagrams

For this part of the lesson, you will need Table 1: Forms of Energy from Reading Passage 1.

3. Write the energy transformation diagram that shows electricity to an incandescent light bulb. (Be sure to label waste heat lost in each transformation).
4. Write the energy transformation diagram that shows the energy in your hand to light produced by a hand-generator flashlight (be sure to label waste heat lost in each transformation).
5. Your teacher has written a few common energy transformations on the board. Complete energy transformation diagrams for at least three of them. If you have more time, you can do more!

Part 3: Sources of energy

1. Explain the difference between a form of energy and a source of energy.
2. List the nine major sources of energy that we rely on in the U.S.
3. List the sources of energy into two categories. Provide a heading for each group.