

Homework 26a Go with Energy

1. List as many different forms of energy as you can.
2. Using the words in the HELP-BOX copy and complete the paragraph below.

acid	energy	joules	equal
greenhouse			potential

Energy is measured in Stored energy is called energy. In any energy transfer, the total amount of before the transfer is always to the total amount of afterwards. After the transfer, not all of the is useful. Sulphur dioxide and carbon dioxide from power stations can cause rain. Carbon dioxide and other gases in the air may cause the earth to warm because of the effect.

3. Copy and complete the table below which shows energy transfers. The first one is done for you as an example.

Energy at the start	Machine	Energy at the end
electrical	Electric kettle	heat
electrical	Radio	
.....	Car	kinetic
.....	Television and
.....	Candle and

4. In one second a lamp uses 100 J of electrical energy, but only 5 J of light energy is produced. Explain what may have become of the other 95 J. Draw an energy transfer diagram for the lamp and write down its efficiency.