

**Bukit View Secondary School**  
**Lower Secondary Science**  
**Worksheet – Sources of energy III**

Name: \_\_\_\_\_(     )     Class: Sec 1T\_\_     Date: \_\_\_\_\_/2002

1. List three ways to reduce the use of energy in office.

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2. a) This source of energy is released by the fission of uranium:

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- b) This source of energy is the heat energy from the earth:

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- c) This source of energy is caused by the gravitational attraction of the moon and the sun on the water in the sea:

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- d) This source of energy is the main source of energy on earth:

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3. Fill in the blanks.

generator	steam	kinetic	heat	turbine	electrical
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In power stations, (a) \_\_\_\_\_ energy boils water to produce (b) \_\_\_\_\_. This in turn drive the (c) \_\_\_\_\_. The (d) \_\_\_\_\_ energy of the moving turbine blades is used to drive the (e) \_\_\_\_\_ to produce (f) \_\_\_\_\_ energy.

4 Draw a line to match each device in list A with the energy conversion involved in List B.

	<b>List A</b>	<b>List B</b>
i)	Electric oven ●	● Kinetic energy is converted into sound energy
ii)	Fan ●	● Chemical energy is converted into kinetic and potential energy
iii)	Rocket ●	● Nuclear energy is converted into light and heat energy
iv)	Whistle ●	● Wind energy is converted into kinetic and potential energy
v)	Sun ●	● Electrical energy is converted into heat energy
vi)	Kite ●	● Electrical energy is converted into kinetic energy