

# 5

## CAN YOU HELP SAVE THE PLANET?

Name: .....

Class: .....

### 1 Complete the text with the words in the box.

liquid change matter Water states

Everything around us is made of (a) \_\_\_\_\_. It has three (b) \_\_\_\_\_. It can be solid, (c) \_\_\_\_\_ or gas. (d) \_\_\_\_\_ can be found in the three states. Matter can (e) \_\_\_\_\_ states.

### 2 Identify the three states of water. Write liquid, gas or solid.

a



b



c



### 3 Choose the correct word to explain how water can change state.

freezes condenses evaporates melts

- a) When we heat solid water, it changes to a liquid. It \_\_\_\_\_.
- b) When we heat liquid water, it changes to a gas. It \_\_\_\_\_.
- c) When we cool liquid water, it changes to a solid. It \_\_\_\_\_.
- d) When we cool water vapour, it changes to a liquid. It \_\_\_\_\_.

### 4 Read and circle the correct word.

- a) A substance can change state because of this type of energy. Thermal / Sound
- b) Thermal energy passes through these materials quickly. Insulators / Conductors
- c) Something made up of more than one material is called this. Mixture / Substance

# 5

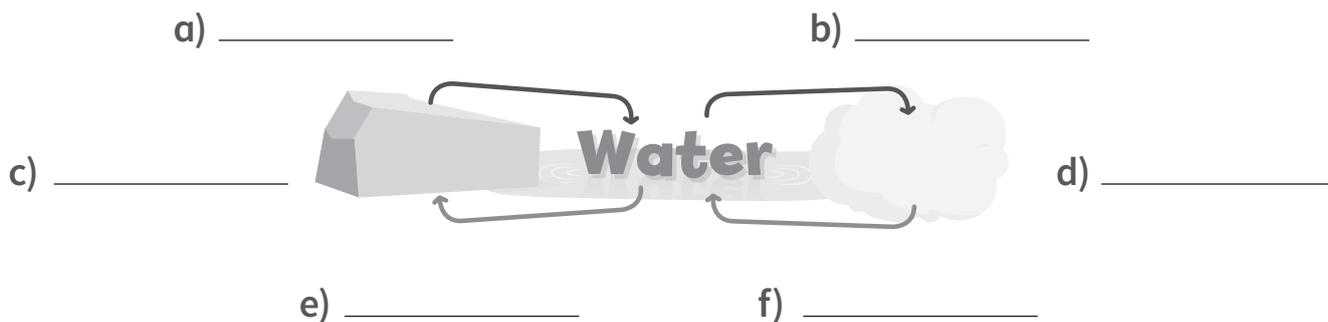
## CAN YOU HELP SAVE THE PLANET?

Name: .....

Class: .....

### 1 Label the diagram with the words in the box.

ice water vapour melting condensation evaporation freezing



### 2 Match the phrases to make sentences about the different forms of energy.

- |  |  |
|--|--|
| a) Anything that is hot <input type="radio"/>            | <input type="radio"/> with electrical energy.  |
| b) We can make many machines work <input type="radio"/>  | <input type="radio"/> and light energy.        |
| c) Anything that we can hear <input type="radio"/>       | <input type="radio"/> has kinetic energy.      |
| d) Anything that moves <input type="radio"/>             | <input type="radio"/> contains thermal energy. |
| e) The sun produces thermal energy <input type="radio"/> | <input type="radio"/> has sound energy.        |

### 3 Read the sentences and circle (T) True or (F) False. Copy the correct sentences and correct the sentences that are false.

- a) Ice is water in a solid state. T / F  
 \_\_\_\_\_
- b) Liquids have a definite shape, but they do not have a definite volume. T / F  
 \_\_\_\_\_
- c) Energy can change from one form to another. T / F  
 \_\_\_\_\_
- d) Metals are good insulators. T / F  
 \_\_\_\_\_
- e) We can always see the different materials in a mixture. T / F  
 \_\_\_\_\_