

Name:

Date:

## KS2 Quiz

Unit title: States of matter

**1** Which state has a fixed shape and volume?

- A Solid.
- B Liquid.
- C Gas.
- D None of them.

**2** Which state can be compressed?

- A Solid.
- B Liquid.
- C Gas.
- D None of them.

**3** Which of the following is a solid at room temperature?

- A Honey.
- B Sand.
- C Oxygen.
- D Water.

**4** Which of the following is a change of state from liquid to solid?

- A Melting.
- B Evaporating.
- C Condensing.
- D Freezing.

**5** What is the melting point of ice?

- A 0 °C.
- B 100 °C.
- C -100 °C.
- D 10 °C.

**6** What is the opposite process to evaporating?

- A Freezing.
- B Boiling.
- C Condensing.
- D Melting.

**7** Which weather conditions will have the fastest evaporation rates?

- A Sunny and cold.
- B Hot and windy.
- C Cold with no wind.
- D Hot with no wind.

**8** At which temperature will an ice cube melt the quickest?

- A 10 °C.
- B 20 °C.
- C 45 °C.
- D Same rate regardless of temperature.

**9** Which of the following is caused by climate change?

- A Melting of ice and snow at the poles.
- B More rain in areas causing floods.
- C Less rain in areas causing droughts.
- D All of the above.

**10** Describe the stages of the water cycle.

*Write the answer in your book or on the back of this sheet.*