

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## KS2 Quiz

Unit title: Rocks and soil

**1** Which of the following rocks contains crystals?

- A Sandstone.
- B Granite.
- C Slate.
- D Chalk.

**2** Which of the following might be found in a rock?

- A Minerals.
- B Organic materials.
- C Fossils.
- D All of the above.

**3** Which word describes a rock that absorbs water?

- A Permeable.
- B Soft.
- C Opaque.
- D Impermeable.

**4** Which of these is best used to test a rock's hardness?

- A Three drops of water.
- B Three drops of acid (vinegar).
- C A nail.
- D All of the above.

**5** What replaces parts of a living thing as a fossil is formed?

- A Rain.
- B Minerals.
- C Bone.
- D Heat.

**6** What type of scientist studies fossils?

- A A podiatrist.
- B A pediatrician.
- C A palaeontologist.
- D A fossil hunter.

**7** What do earthworms create in the soil that acts like a fertiliser?

- A Tunnel.
- B Homes.
- C Castings.
- D Roots.

**8** Why does sandy soil drain quicker than clay soil?

- A Sandy soil has larger grains.
- B Sandy soil has more organic matter.
- C Clay soil has larger grains.
- D Clay soil has more organic matter.

**9** What would you expect to see if a rock reacts to acid rain?

- A A scratch.
- B Bubbles.
- C A wet patch.
- D A change in colour.

**10** Describe how fossils are formed.

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