

# 8G Rocks and weathering

## complete the sentence

Science Interactive LTD. PO BOX 50764 LONDON NW6 9AT email: sales@science-interactive.co.uk

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Place the right word or words to complete the sentence:

 Click mouse to reveal answer

freezes

minerals

formed

textures

heating

chalk

rock

three

limestone

- A rock is a mixture of some elements and \_\_\_\_\_ .
- Water carries \_\_\_\_\_ fragments which may form new sedimentary rocks.
- Rocks have different \_\_\_\_\_ depending on how they are formed.
- Continuous cooling and \_\_\_\_\_ of rocks cause exfoliation.
- There are \_\_\_\_\_ types of rock weathering: physical, biological and chemical.
- Acid rain can react with rocks like \_\_\_\_\_ wearing it away chemically.
- Sedimentary rocks are \_\_\_\_\_ by the deposition and compacting of sediments.
- When water \_\_\_\_\_ forming ice, it expands causing the breaking up of rocks.
- Marble is a metamorphic rock that begins its life as \_\_\_\_\_ or limestone.

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- a) A rock is a mixture of some elements and minerals.
- b) Water carries rock fragments which may form new sedimentary rocks.
- c) Rocks have different textures depending on how they are formed.
- d) Continuous cooling and heating of rocks cause exfoliation.
- e) There are three types of rock weathering: physical, biological and chemical.
- f) Acid rain can react with rocks like limestone wearing it away chemically.
- g) Sedimentary rocks are formed by the deposition and compacting of sediments.
- h) When water freezes forming ice, it expands causing the breaking up of rocks.
- i) Marble is a metamorphic rock that begins its life as chalk or limestone.