



# Worksheet 8.6A Freezing and thawing

This investigation will take a number of days.

- 1 Select a rock.
- 2 Look at it carefully and record its appearance. Taking a photograph would be useful.
- 3 Soak the rock in water for at least 10 minutes.
- 4 Place the rock in a polythene bag and place it in the freezer.
- 5 Leave until frozen.
- 6 Take out and thaw.

 **Take care when removing the frozen rock from the freezer and from the bag. Use tongs and do not touch the frozen rock with your hands.**

- 7 Examine the rock and record any changes in a table. If you use photographs, make sure you take the photograph of the same part of the rock.

- 8 Repeat the soaking, freezing and thawing.

## Questions

- 1 Describe what has happened to your rock.

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**2** Explain why this happened.

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**3** Compare your rock with those that other groups used. Explain how and why their results are different from yours.

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**4** What is the scientific name for the process that has changed the rocks?

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