

THE ROCK CYCLE



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There are three main types of rocks: igneous, sedimentary and metamorphic rocks and these rocks all form in different ways. Fill in the questions below test your rock knowledge.

1. THE ROCK CYCLE

Use the phrases in the word bank below to label the different **processes** and **rock types** in the rock cycle.

YOU WILL NEED:

- Geological Society 'The Rock Cycle' factsheet
- Colouring pencils
- Basalt and granite rock samples (optional)

WORD BANK:

Metamorphosis

Erosion & transport

Metamorphic rock

Crystallisation of magma

Weathering

Melting

Uplift

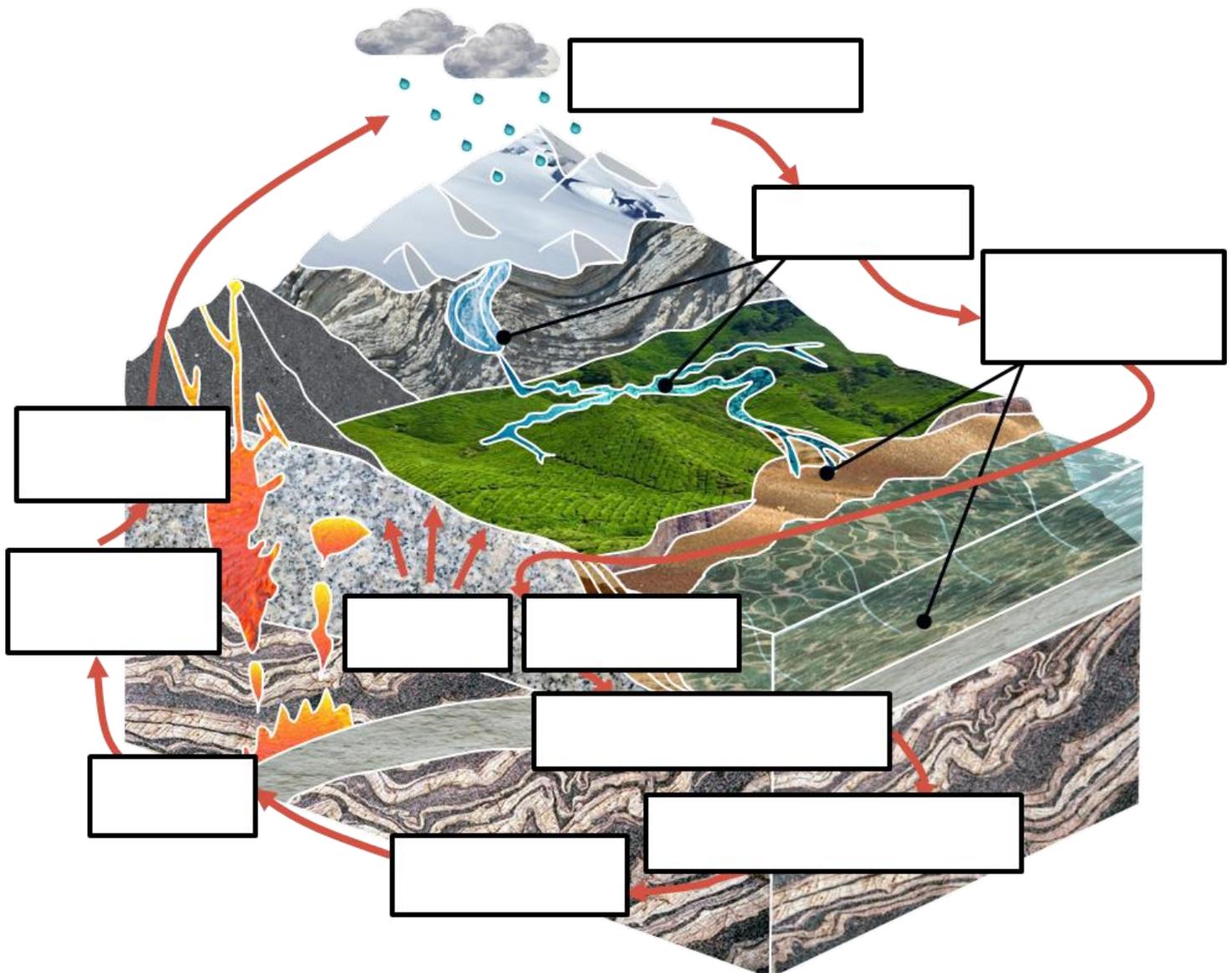
Sedimentary rock

Burial & compaction

Igneous rock

Deposition of sediments

Sedimentary rock



THE ROCK CYCLE



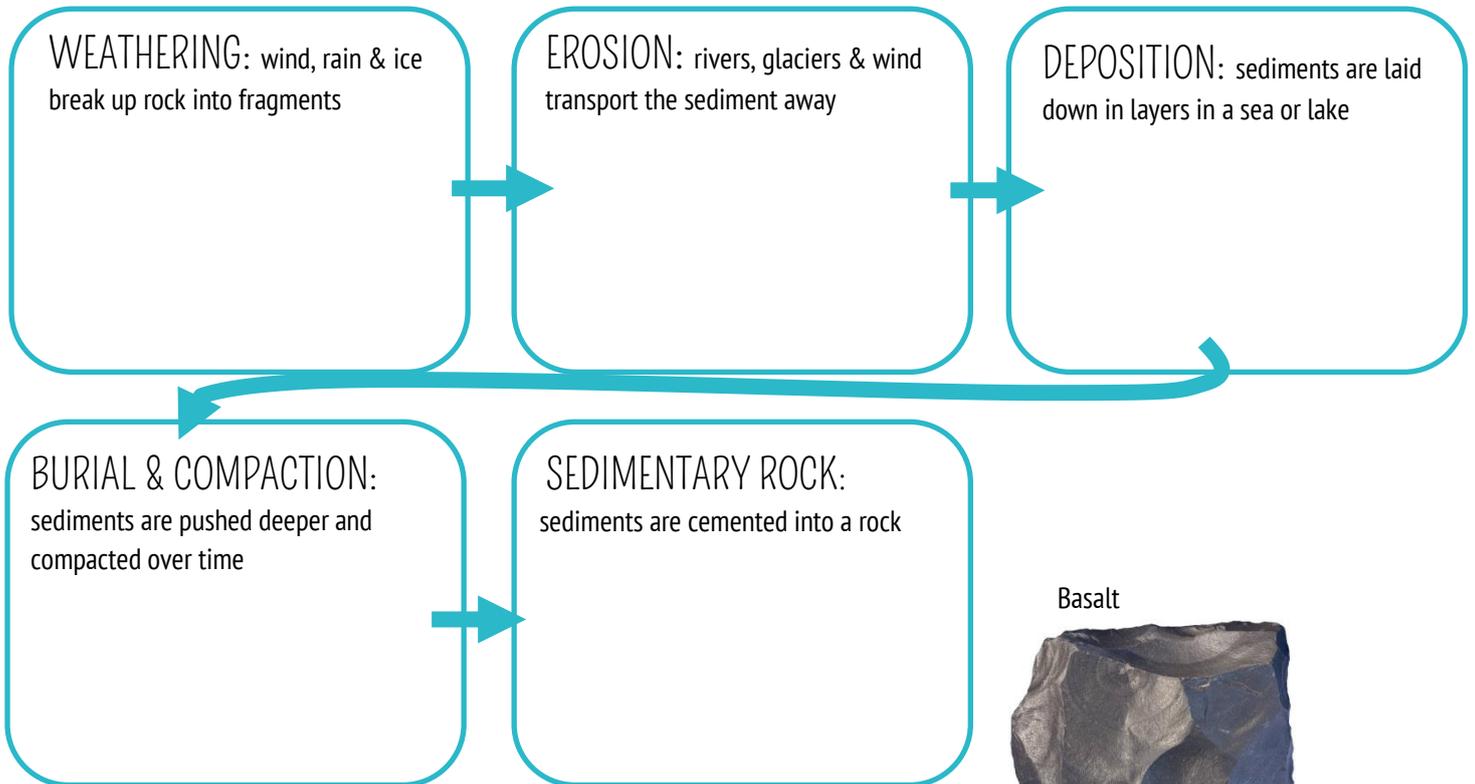
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2. SEDIMENTARY ROCKS

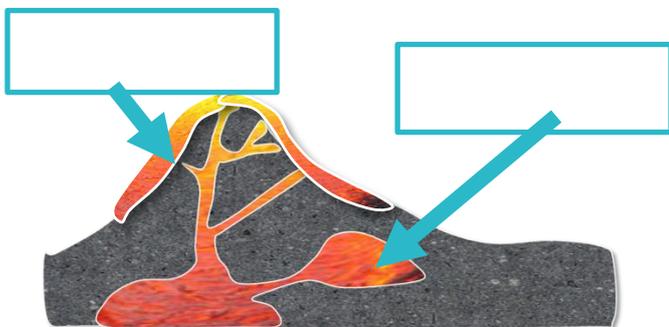
a) Use the space below to draw the stages in which a **sedimentary rock** might form.



3. IGNEOUS ROCKS

Granite and **basalt** are two types of **igneous rock**. Granite has large crystals whereas basalt has tiny crystals.

a) Label the diagram to show where each rock forms.



b) Why do you think granite usually has larger crystals than basalt?
Tip: Think about temperature.

4. METAMORPHIC ROCKS

How can a sedimentary rock become a metamorphic rock?
