

## Rock Star Assignment

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### The Task

Use what you have learnt so far to write a story about how a rock is formed. Your story is to describe what happens to a rock as it changes from one type of rock to another. Make your story interesting and scientifically accurate. Use the ideas below, if you wish. You can change the sequence of events and you do not have to keep to the outline provided.

#### Igneous rocks

- You begin as magma. Are you near the surface or below?
- How does this affect the cooling rate?
- Is it fast or slow?
- What size crystals are you made of?
- What, then, is your appearance?
- What type of igneous rock are you?

#### Sedimentary rocks

- You are broken down and carried away. What has caused this?
- What name applies to this process?
- What agent is carrying you away?
- Where do you end up?
- What size fragments make up your rock?
- What other fragments surround you?
- How do you form into a sedimentary rock?
- What is your appearance?
- What type of sedimentary rock are you?

#### Metamorphic rocks

- What process must occur to change you into a metamorphic rock?
- Where is this occurring?
- How did you come to be in these conditions?
- What is your appearance now?
- What type of metamorphic rock are you?
- What type of rock were you originally?

### Presentation

You may present your story in any of these formats:

- poster
- flow chart
- cartoon strip
- power-point presentation
- oral presentation
- a rap song or poem
- animation

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