

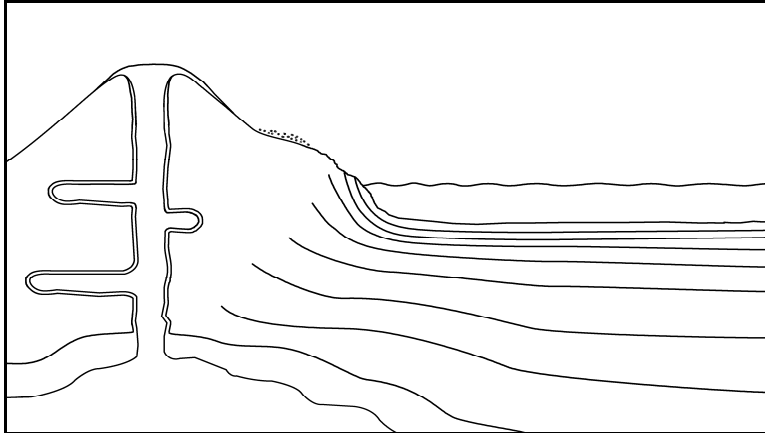
Environment HSW Ex Hw

Explaining the rock cycle

Task:

Use the diagram of the section of the Earth's crust.

Label the diagram using the key words and explain the rock cycle in as much detail as you can.



Key words:

lava, rain, sea, sun, volcano

fossils, igneous rock, magma, metamorphic rock, limestone, sediment, sedimentary rock
 crystals, erosion, grains, layers, sedimentation, transportation, weathering
 sedimentary rock, sedimentation, solid, transportation, uplift, weathering
 cement, contract, crystallisation, expand, heat, liquid, mineral, pressure, solid,
 uplift

What is your target level? Use the level ladder to help you reach it:

To get level	You might have:
4	<ul style="list-style-type: none"> Labelled the diagram with the first two lines of key words. Stated simple definitions of most of the key words. Named an example of each type of rock. Described two weathering processes.
5	<ul style="list-style-type: none"> Used most of the key words correctly on the diagram. Described at least two weathering processes. Made some links between each of the three types of rocks. Used simple particle diagrams to show where melting/solidification takes place.
6	<ul style="list-style-type: none"> Used the key words correctly on the diagram. Described and explained how each type of rock is made and how it is destroyed. Identified links between the appearance of the rock and how it was formed. Used word equations to show chemical changes. Used accurate particle diagrams to show physical changes.
7	<p><i>Followed the instructions for level 6, using detailed scientific knowledge and understanding, and also:</i></p> <ul style="list-style-type: none"> Used symbol and word equations to show chemical changes. Used detailed particle diagrams to show chemical and physical changes.