

Task Sheet

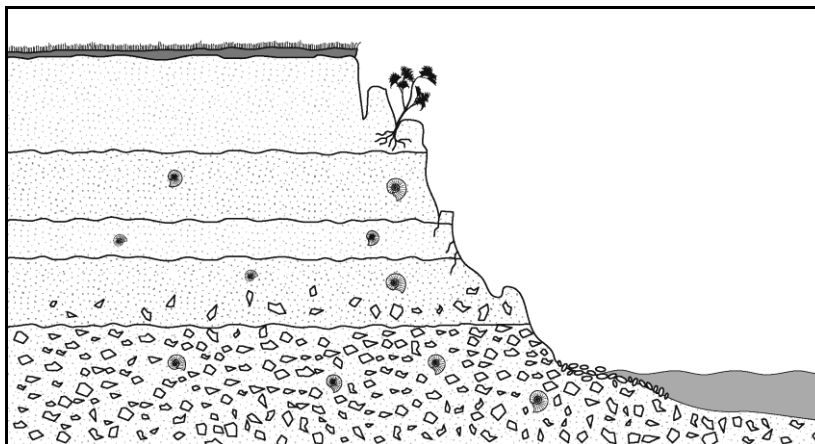
Landslide?

Geologists monitor cliffs to make sure they are safe.

Task:

Look at the diagram of a cliff that is being weathered.

Describe the ways in which it is being weathered and explain why it is being worn away.



Key words:

day, night, plants, rain, roots, sea, sun, waves, wind
cooling, freeze, heating, ice, scree
chemical weathering, contract, erosion, expand

Level ladder:

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

Challenge	You might have:
Easy	<ul style="list-style-type: none">• Used most of the key words on the diagram and in descriptions.• Stated the type of rock that the cliff is made of, with a scientific reason.• Described at least two weathering processes.• Used simple particle diagrams to show a weathering process.
Medium	<ul style="list-style-type: none">• Used the key words correctly on the diagram and in explanations.• Explained your reason for deciding which type of rock the cliff is made from.• Explained at least two weathering processes.• Used particle diagrams to explain at least one weathering process.• Indicated the possible time scales for each weathering process.• Explained your reason for deciding which type of rock the cliff is made from.
Hard	<ul style="list-style-type: none">• Used the key words correctly on the diagram and in explanations.• Explained a range of weathering processes accurately.• Used particle diagrams to explain the weathering processes.• Used symbol and word equations to show chemical changes.• Explained the geological history and future of the cliff using scientific knowledge and understanding, estimating time scales.