

Name:

Earth science

Name the three major types of rock

- 1.
- 2.
- 3.

An igneous rock is one which contains interlocking crystals of different minerals. What is a mineral?

Name the processes which cause rocks to be broken down

What different forms can weathering take?

In your own words, describe how erosion works.

Rock fragments formed by weathering and erosion can be transported in water - they are then called sediment.

Sediments can sink and settle on the bottom of rivers, lakes or the sea. Over time the sediments build up and the small particles can stick together making sedimentary rock.

What do you think the main feature of a sedimentary rock will be?

Sometimes the grains making up sedimentary rock have different appearances or are cemented together in different ways. It is then easy to see different layers of sediments in sedimentary rocks.

Describe how fossils can be found in sedimentary rocks.

Name:

Why do you think it is uncommon to find fossils in igneous rock samples?

Do you think stalactites and stalagmites are igneous, sedimentary or metamorphic rocks? Describe how you think they are made to justify your answer.

CRUMBLE COTTAGE

LAND-SLIDE WRECKS CLIFF HOMES

The Robinsons are nearly all gone. The sad. When we bought moving house, because floors are tilting and the house we never their house in on the the walls are cracking. thought that this would move. The Robinsons, who happen.'

The garden is not what have lived there for 30 years, said 'We are so it was, in fact it's

Study the article above, and answer the questions below.

- 1) Why do you think the Robinsons bought a house so close to the cliff edge?
- 2) What do you think caused the land slide?
- 3) Is there any way it could have been prevented?
- 4) What do you think has happened to all the bits of rock that have been eroded from the cliff?