

Students: fill in next to the word answer and return the document for assessment.

Geography

The Coast Book

Pages 12-19

Everything here is based on our Curriculum Visions book The Coast Book.

In this segment we are going to think about the way coasts are worn away.

Part 1

Pages 12-13

Watch at the video on page 13.

Write down how the waves at the bottom of the cliff eventually cause the whole cliff to tumble down.

Answer.....

Cliffs are rarely made of solid rocks. Usually the rocks are split- which we call fractured, - making it easier for water crashing against the cliff to get in between the blocks and prise them off. Notice the waves only work at the bottom of a cliff. But, of course, if you pull out the bottom, the rest will come tumbling down under its own weight.

Turn to page 14

Play the video.

Using that video and page 15 write down the two ways waves wear cliffs away.

Answer.....

Crashing of waves pulling out fractured blocks, and sandpaper effect (abrasion) of sand and pebbles carried by breakers.

Part 2

Pages 16-19

First play any videos on these pages, especially the one on page 17.

What sort of material is most likely to cause landslides?

Answer.....

Clay

Why do you get cliffs with ledges in?

Answer.....

Because there are bands of hard and soft rock, and the soft bands wear away faster than the hard ones.

Turn to pages 18-19

Watch both videos.

Describe how rocks next to a cave become a pillar of rock.

Answer.....

in some places the cliff rocks are weaker than others and so blocks get pulled out or worn away more easily. This is why caves form. But in a headland, the rock is not very wide, and so the cave can form right through the headland, and this creates an arch. Eventually the roof of the arch will fall away leaving needles of rock out to sea.

That is the end of this worksheet, and you can now turn to another one. Also, find out if your teacher has left you any other worksheets or special instructions on your school website.

If you interested in this topic continue to browse the book and watch our amazing videos. They start right on the book cover.

Or you may want to see related books. If so just go to the top of the screen, select Geography, and from the page that opens choose Coast.