

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

Geography

Mountain and volcano

Book: The Mountain Book

Pages 28-33

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

In this segment we are going to think about what happens to plants and animals.

You will need to go to page 28 of the book.

Part 1

Look at the mountain diagram. On that diagram, describe how plants change from the bottom to the top of a mountain

Answer.....

It is warmest at the bottom and broadleaved trees can grow. As you go up these are replaced by deciduous trees especially in places with cold seasons. Higher still are conifers and above them seasonal meadows. At the top are the small, slow-growing tundra woody plants.

Why are the two things about the weather on mountaintops that cause these plants to stay grow slowly and stay close to the ground?

Answer.....

The cold makes small, woody plants the only ones that will grow. Only low plants can survive the cold winds.

What is the name used for tundra plants on this page?

Answer.....

Alpines

Part 2

Look at the diagram on page 31. Some animals change colour of their fur and feathers with the seasons. What colour do they go in winter?

Answer.....

White

Where do marmots live in winter to escape the cold?

Answer.....

In tunnels in the soil.

Give one example of a mountain animal that hibernates.

Answer.....

Marmot (rodent) and bear

Part 3

Turn to page 32. Watch the video. What are some ways you would protect wildlife in a national park?

Answer.....

Restrict access to some areas. Keep people in cars on the road. Give wildlife priority over people.

Part 4

Explain what a wilderness is.

Where is the resort compared to the ski lift?

Where would the ski resort need to be if it was to stay open for as long as possible?

Answer.....

An undisturbed area. Wildernesses have to be large and difficult for lots of people to get to. They are easiest to set up in areas with few roads and where few people live.

That is the end of this webcast, 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 Mountain or Volcano.