

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

Science

Book: Life Cycles (5B)

Pages 14-23

Everything here is based on our Curriculum Visions book Life Cycles (5B).

In this segment we are going to think about animal life cycles and why some animals are endangered.

You will need to go to pages 16-17 of the book.

Part 1

People growing

Go to page 16

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Write down the stages of a human in terms of height and bulk as they go from a young child to an old person.

Answer.....

Like all animals, children grow up quickly because the ends of their bones grow faster than the thickness of the bones. So they reach full height in their teens, but then bulk out by their thirties and forties. Sometimes bones shrink in old age and this causes a person to become smaller.

Part 2

Insects changing

Go to page 18

Why do insects moult?

Answer.....

They have external skeletons which cannot expand, so periodically they split their casing and grow a new one from cells in their outer skin.

What are the two main stages of an insect's life? What is the process of change called?

Answer.....

A larva (caterpillar etc) and a grown insect (the stage in between is pupation).

Part 3

Frogs changing

Go to page 20

Write down the way that tadpoles change into frogs.

Answer.....

They replace gills with lungs, lose their tails and develop arms and legs.

Part 4

Endangering and extinction

Explain how humans can cause other living things to be endangered or even go extinct.

Answer.....

They remove habitat needed as food as well as killing things as 'pests'.

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