

CurriculumVisions Lesson

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

Science

Book: Moving and growing (4A)

Pages 18-23

Everything here is based on our Curriculum Visions book Moving and growing (4A).

In this segment we are going to think about how animals move and grow.

You will need to go to pages 18-19 of the book.

Why do different types of animals have different types of bones and muscles?

Answer.....

The bones and muscles are designed for the way the animal lives?

Why do birds have hollow bones? Why do frogs have very long leg bones?

Answer.....

Birds' bones are hollow because otherwise the bird would be too heavy to fly.

Frogs have very long legs to allow them to jump away from danger very quickly.

Go to pages 20-21. What can we learn from studying dinosaur bones?

Answer.....

We can learn how the dinosaurs lived, why some of them were shaped the way they were shaped and how this affected their lives. We can learn why some dinosaurs had very large bones, why hunting dinosaurs were usually two-legged and why plant-eating dinosaurs needed such large bodies.

Go to pages 22-23. What are two ways that animals who have bones on the outside of their bodies grow?

Answers.....

Some of them grow when their shells grow.

Animals like insects grow by moulting - they squeeze out of their old skeleton (shell) and grow a new one.

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