

CurriculumVisions Lesson

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

Science

Book: Moving and growing (4A)

Pages 4-13

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

In this segment we are going to think about how our bones work and grow.

You will need to go to pages 4-5 of the book.

Part 1

What are the purposes of the skeleton?

Answers.....

The skeleton is a scaffold that holds up the soft parts of our body. It also protects the soft parts of our body and helps us to move.

Go to pages 6-7. Why are the bones in your skull fitted together tightly, like a jigsaw, but the bones in your back are not?

Answers.....

The bones in the skull do not have to move, and they need to protect your brain, so they fit tightly together. The bones in the back need to allow the body to move in different ways, so can't fit tightly together.

Why do the bones in your spine get bigger towards the bottom?

Answers.....

Because the bones towards the bottom are holding more weight.

Go to pages 8-9

Why are the long bones in your arms and legs connected with ball and socket joints? Why are there so many bones in your hands and feet?

Answers.....

The ball and socket joint allows the arms and legs to move in many directions.

There are many bones in your hands and feet in order to give a lot of flexibility and fine motor movements.

Go to pages 10-11

Draw a diagram showing the different parts of a leg bone and what each part does.

Answers will vary.....

See diagram on page 10 for guidance.

Go to pages 10-11

Why do people get taller instead of wider as they grow?

Answers.....

Because many bones grow at their ends, so they grow longer, but not wider

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