THE STRIVING

MUSLIM ACADEMY

Islamic and Academic Education

STAGE 3 · SCIENCE · ANIMALS, INCLUDING HUMANS

Animals, including humans

Everything the questions ask about is taught on the page before them, so nobody has to know the science beforehand.

WHAT IS INSIDE

- Why animals have to eat
- Skeletons and muscles
- Try it yourself
- How each one is worked

The Striving Muslim Academy

2 topics · something to do at the end

Written for a parent teaching at home. No training assumed, and nothing else to buy.

strivingmuslimacademy.com

Skeletons and muscles

Read this first. Then answer the questions underneath.



Humans and many other animals have a skeleton inside them. The human skeleton has five main functions: providing support to the body, storing minerals and lipids, producing blood cells, protecting internal organs, and allowing for movement. Two of those are surprising: bones store minerals, and bones make blood cells.

Support: it holds the body up. Without it you would be a heap.

Protection: the skull guards the brain and the ribs guard the heart and lungs.

Movement: bones are pulled by muscles.

A muscle can only pull, never push. So muscles work in pairs: one pulls the bone one way, and another pulls it back.

1. What are the five main functions of the human skeleton?

Each is a heading in the passage.

2. What does the skull guard?

Look for the word skull.

3. What can a muscle only do?

One word, and it is the surprising one.

The Striving Muslim

Quick check

One right answer each, and every answer is somewhere in this pack. Ring the letter.



1. **Why animals have to eat Where do plants make their food?**
   (A) Support, protection and movement (B) The brain (C) By eating (D) In their leaves

2. **Why animals have to eat What are the parts of food an animal needs called?**
   (A) Nutrients (B) Pull (C) In their leaves (D) Support, protection and movement

3. **Skeletons and muscles What are the five main functions of the human skeleton?**
   (A) Support, protection and movement (B) Pull (C) The brain (D) Nutrients

4. **Skeletons and muscles What can a muscle only do?**
   (A) Support, protection and movement (B) Pull (C) Nutrients (D) The brain

5. **Skeletons and muscles What does the skull guard?**
   (A) Support, protection and movement (B) In their leaves (C) The brain (D) By eating

6. **Why animals have to eat How does an animal get what it needs?**
   (A) Support, protection and movement (B) The brain (C) By eating (D) Nutrients

The Striving Muslim Academy

How each one is worked

The answers to the **work it out** questions are model answers. A child who says something different and can show you where on the page it came from has done the work.



WHY ANIMALS HAVE TO EAT

1. Where do plants make their food?

1. The passage says plants make their own food in their leaves.
2. So the answer is **in their leaves**.

Answer: **In their leaves**

2. How does an animal get what it needs?

1. The passage says an animal has to get everything it needs by eating.
2. So the answer is **by eating**.

Answer: **By eating**

3. What are the parts of food an animal needs called?

1. The passage says they are called nutrients.
2. So the answer is **nutrients**.

Answer: **Nutrients**

4. WORK IT OUT **Why is eating a lot of one food not the same as eating well?**

1. Food has to be the right kind as well as the right amount.
2. No single food has all the nutrients.
3. So quantity does not make up for a missing nutrient.

Answer: **Because no single food has all the nutrients an animal needs**

SKELETONS AND MUSCLES

1. What are the five main functions of the human skeleton?

1. The passage names support, protection and movement.
2. So that is the answer.

Answer: **Support, protection and movement**

2. What does the skull guard?

1. The passage says the skull guards the brain.
2. So the answer is **the brain**.

Answer: **The brain**

3. What can a muscle only do?

1. The passage says a muscle can only pull, never push.
2. So the answer is **pull**.

Answer: **Pull**

The Striving Muslim Academy

SAMPLE PAGES

You have read a few pages. The pack is longer.

What you are holding is a short sample, taken from different parts of the pack so that you can see how a week is planned and what a child is actually asked to do, before you decide.

The complete pack, and the rest of the academic materials, are on our website: schemes of work for a parent teaching at home, and practice packs for the skills children get stuck on.

The Striving Muslim Academy

strivingmuslimacademy.com

Islamic and Academic Education

Members of the homeschool community do not buy these. If you have joined the community, the pack for the term you are working on is given to you at no cost.

Our Islamic Education classes are free. These packs are part of what pays the teachers who teach them.