THE STRIVING

MUSLIM ACADEMY

Islamic and Academic Education

STAGE 4 · 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

- The digestive system
- Teeth
- Food chains, and the words for them
- Try it yourself
- How each one is worked

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3 topics · something to do at the end

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

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Teeth

Read this first. Then answer the questions underneath.



Humans have four kinds of tooth, each shaped for its job. Count them in a mirror as you read.

The eight incisors, four top and four bottom, are the sharp front teeth you use for biting into food.

The four cuspids, usually called canines, flank the incisors and have a pointed edge to tear up food.

Behind them are the eight premolars, which have an overall flatter shape with two rounded cusps, useful for mashing food.

Furthest back and largest are the twelve molars, which have several pointed cusps used to crush food so it is ready for swallowing. The last third molar of each set, top and bottom, is called a wisdom tooth, because it usually comes through later than the rest, in early adulthood. That is four wisdom teeth, and the twelve above already counts them, so most children have eight molars so far.

What an animal eats shows in its teeth. A carnivore has large canines. A herbivore has large flat molars and small canines or none.

1. **What are incisors for?**
   The front teeth.

2. **Where are the molars?**
   Look for the word molars.

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Quick check

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



1. **The digestive system What is the oesophagus?**
   (A) The tube that carries it down to the stomach (B) Takes the useful parts into the blood (C) Gripping and tearing (D) Chews food and mixes it with saliva

2. **Food chains, and the words for them What is an animal that hunts another called?**
   (A) Gripping and tearing (B) The tube that carries it down to the stomach (C) Chews food and mixes it with saliva (D) The predator

3. **The digestive system What does the mouth do?**
   (A) The producer (B) The tube that carries it down to the stomach (C) Chews food and mixes it with saliva (D) Takes the useful parts into the blood

4. **Teeth What are canines for?**
   (A) Is eaten by (B) The tube that carries it down to the stomach (C) Gripping and tearing (D) The water

5. **The digestive system What does the small intestine do?**
   (A) Takes the useful parts into the blood (B) The tube that carries it down to the stomach (C) The water (D) The predator

6. **Food chains, and the words for them What does the arrow mean?**
   (A) Takes the useful parts into the blood (B) The producer (C) Is eaten by (D) Gripping and tearing

7. **The digestive system What does the large intestine take back?**
   (A) At the back (B) Chews food and mixes it with saliva (C) Takes the useful parts into the blood (D) The water

8. **Teeth What are incisors for?**
   (A) Gripping and tearing (B) The water (C) Cutting and biting (D) Chews food and mixes it with saliva

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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.



THE DIGESTIVE SYSTEM

1. What does the mouth do?

1. The passage says the mouth chews food and mixes it with saliva.
2. So that is the answer.

Answer: **Chews food and mixes it with saliva**

2. What is the oesophagus?

1. The passage says the oesophagus is the tube that carries it down to the stomach.
2. So that is the answer.

Answer: **The tube that carries it down to the stomach**

3. What does the small intestine do?

1. The passage says the small intestine takes the useful parts into the blood.
2. So that is the answer.

Answer: **Takes the useful parts into the blood**

4. What does the large intestine take back?

1. The passage says the large intestine takes back the water.
2. So the answer is **the water**.

Answer: **The water**

5. WORK IT OUT **Why does food have to be broken down at all?**

1. The passage says food has to be broken down small enough to get into the blood.
2. Whole food could not pass through.

Answer: **Because it has to be small enough to get into the blood**

TEETH

1. What are incisors for?

1. The passage says incisors are for cutting and biting.
2. So that is the answer.

Answer: **Cutting and biting**

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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.

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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.