

Year 4 Science Assessment: The Human Body

Learning objective: To describe the simple functions of the basic parts of the digestive system in humans and identify the different types of teeth in humans and their simple functions.

Read each question carefully. Use the word bank if you need help with scientific vocabulary. Write your answers clearly in the spaces provided.

Max the monkey is helping his friend Bea the honeybee learn about how the human body processes food. They have been looking at how we chew our food and how it travels through our bodies to give us energy.

Word bank: incisors · canines · molars · oesophagus · stomach · small intestine · digestion · enamel · saliva

1. 1. Max is looking at his teeth in the mirror. Name the three types of teeth humans have and give one function for each. (3 marks)

2. 2. What is the name of the tube that carries food from the mouth down to the stomach? (1 mark)

3. 3. Explain what happens to food once it reaches the stomach. (2 marks)

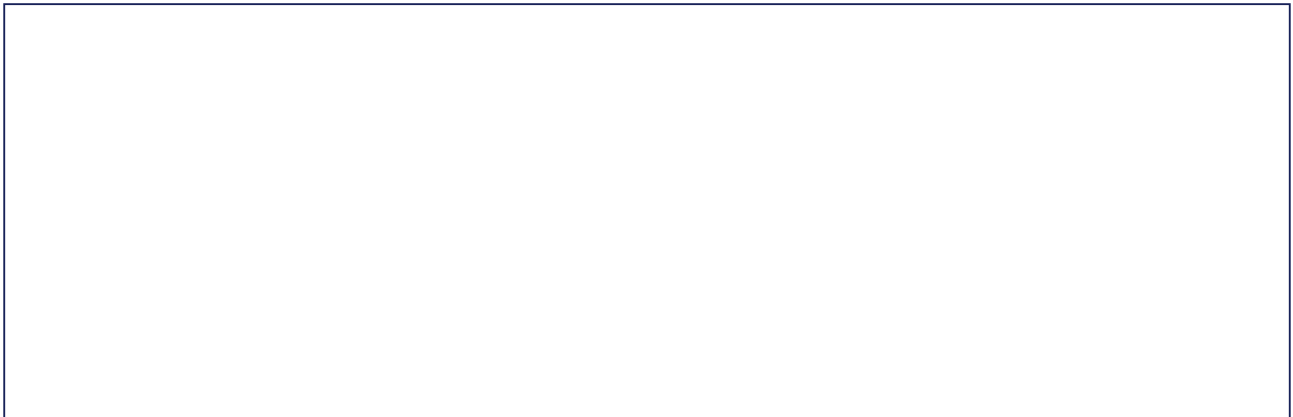
4. 4. Why is it important to brush your teeth twice a day? Mention the outer layer of the tooth in your answer. (2 marks)

5. 5. Describe the journey of a piece of apple from the moment you take a bite until it reaches the small intestine. Use the correct scientific names for the parts of the body involved. (4 marks)

6. 6. Max says: 'Our teeth are only used for eating.' Do you agree or disagree? Give a reason for your answer. (2 marks)

7. 7. Extended Writing Task: Imagine you are a tiny piece of food travelling through the digestive system. Write a short story (about 100 words) describing your adventure. Start at the mouth and finish when you reach the small intestine. Describe the different 'rooms' you visit and what happens to you in each one. (11 marks)

Draw: Draw a simple diagram of the human digestive system. Label the mouth, oesophagus, stomach, and small intestine.



Extension challenge: Total: /25. Challenge: Research why humans have different shaped teeth compared to herbivores (like cows) or carnivores (like lions). How does diet affect the shape of teeth?