

Year 4 Science Assessment: Our Amazing Teeth

Learning objective: To identify and describe the functions of different types of human teeth and understand how to maintain good oral hygiene.

Read each question carefully. Use the word bank to help you with your answers. Write your responses clearly in the space provided.

Bea the honeybee is busy learning about how humans eat. She has discovered that humans have different shaped teeth for different jobs. Just like tools in a workshop, our teeth are perfectly designed for biting, tearing, and grinding. However, Bea knows that if we eat too many sugary snacks, the bacteria in our mouths can turn that sugar into acid, which is bad for our teeth.

Word bank: incisors · canines · molars · enamel · decay · bacteria · acid · sugar

1. Name the three main types of teeth found in an adult human mouth and state one function for each. (3 marks)

2. Bea the honeybee is worried about tooth decay. Explain how sugary food can lead to tooth decay in two steps. (2 marks)

3. Why do humans have different shaped teeth instead of having all teeth the same shape? Explain your reasoning. (3 marks)

4. Max the monkey is eating a crunchy apple. Which type of teeth is he using to grind the apple into smaller pieces before swallowing, and why are they suited for this job? (3 marks)

5. Describe the journey of a piece of food through the mouth. What happens to the food from the moment it enters the mouth until it is ready to be swallowed? (4 marks)

6. Imagine you are a dentist. Write a short guide (5 sentences) for a Year 4 student explaining how to look after their teeth to prevent decay. Include why brushing and limiting sugary snacks are important. (5 marks)

7. What is the name of the hard, protective outer layer of the tooth? (1 mark)

8. If a toothbrush costs £2.50 and a tube of toothpaste costs £1.25, how much change would you get from a £5.00 note? (4 marks)

Draw: Draw a diagram of a human mouth. Label the incisors, canines, and molars in their correct positions.



Extension challenge: Total: /25