

Max and Bea's Animal Kingdom Challenge

Learning objective: To identify the digestive systems of humans and other animals, and to classify animals based on their diet (herbivores, carnivores, and omnivores).

Help Max the monkey solve these biological puzzles! Read each question carefully. Use your knowledge of food chains and human biology to select the correct answers.

Answer Key: 1.C, 2.True, 3.False, 4.Canines, 5.Herbivore, 6.Oesophagus, 7.Molars, 8.True, 9.Omnivore, 10.Digestion. Extension: Pupils should explain how tooth shape correlates to diet (e.g., sharp teeth for tearing meat vs. flat teeth for grinding plants).

Word bank: Herbivore · Carnivore · Omnivore · Incisors · Canines · Molars · Oesophagus · Digestion · Stomach · Nutrition

**1. Which type of animal teeth are sharp and pointed, specifically designed for tearing food?
A) Molars B) Incisors C) Canines* D) Premolars (1 mark)**

2. True or False: An herbivore is an animal that only consumes plant matter. (1 mark)

3. True or False: Humans have a digestive system that is completely different from all other mammals. (1 mark)

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

**5. Which teeth are best suited for grinding down tough plant fibres? A) Canines B) Molars*
C) Incisors D) All of the above (1 mark)**

6. An animal that eats both plants and other animals is called an...? (1 mark)

**7. Which part of the digestive process involves breaking down food into nutrients? A)
Inhalation B) Circulation C) Digestion* D) Respiration (1 mark)**

8. True or False: Carnivores typically have larger, sharper incisors than herbivores. (1 mark)

**9. Which of these is a primary function of the human stomach? A) Chewing food B)
Absorbing water C) Breaking down food with acid* D) Growing teeth (1 mark)**

10. What do we call the process of taking in food to provide energy and growth? (1 mark)

Draw: Draw a diagram of a human's teeth and label where you would find the incisors, _____ canines, and molars. Add a small speech bubble for Bea the Bee explaining why we need all three types.



Extension challenge: 1. Explain why a lion would struggle to survive if it only had molars. 2. Compare and contrast the diet of a gorilla with the diet of a shark. 3. Justify why humans are classified as omnivores. 4. What might happen to the digestive process if the stomach did not produce acid? 5. If you discovered a new animal, how would you determine if it is a carnivore or an herbivore just by looking at its skull? 6. Describe the journey of an apple from the moment it enters the mouth until it is fully digested.