

The Great Digestive Journey with Bea the Bee

Learning objective: To describe the simple functions of the basic parts of the digestive system in humans.

Bea the Bee has just finished a delicious nectar snack, but she needs help mapping her journey through the human digestive system! Match the digestive organ to its correct function by drawing a line, then use the word bank to fill in the missing steps of the process.

Word bank: Oesophagus · Stomach · Small intestine · Large intestine · Mouth · Nutrients · Saliva

1. 1. The journey begins in the _____ where teeth break down food and _____ begins to soften it. (2 marks) (2 marks)

2. 2. The _____ is a muscular tube that pushes food down towards the stomach. Why is this movement important? (2 marks) (2 marks)

3. 3. Inside the _____, food is churned with acid to create a thick liquid. What might happen if the stomach did not produce acid? (2 marks) (2 marks)

4. 4. In the _____, the body absorbs all the useful _____ into the bloodstream. (2 marks) (2 marks)

5. 5. Compare and contrast the functions of the small intestine and the large intestine. Why does the body need both? (3 marks) (3 marks)

6. 6. Justify your answer: If a person had a problem with their oesophagus, why would they struggle to digest their dinner? (3 marks) (3 marks)

Draw: Draw a scientific diagram of the human digestive system. Label the mouth, oesophagus, stomach, small intestine, and large intestine clearly using arrows.



Extension challenge: Imagine you are a tiny piece of an apple travelling through the system. Write a short, creative diary entry describing the 'squeezing' and 'churning' you experience in each part of the body. Use precise scientific vocabulary in your writing.