The Great Digestive Journey with Bea the Bee

Learning objective: To identify and explain the stages of the human digestive system and the role of its organs.

Bea the Bee has been buzzing around the human body to understand how we turn lunch into energy! Below is a sequence of events. Number the stages from 1 to 7 to show the correct order of the digestive process, then use the word bank to fill in the missing terms in the descriptions.

Word bank: oesophagus · stomach · small intestine · mouth · large intestine · rectum · nutrients

1. 1. [ ] Food is broken down by teeth and saliva in the _____. (2 marks)

2. 2. [ ] The food travels down a muscular tube called the _____. (2 marks)

3. 3. [ ] Acids and enzymes churn the food into a liquid in the _____. (2 marks)

4. 4. [ ] The food enters the _____, where _____ are absorbed into the bloodstream. (2 marks)

5. 5. [ ] Water is absorbed from the remaining waste in the _____. (2 marks)

6. 6. [ ] Waste is stored in the _____ until it is ready to leave the body. (2 marks)

7. 7. How does the body benefit from the work done in the small intestine? Explain in one sentence. (2 marks)

Draw: Draw a simple diagram of the human digestive system. Label the mouth, stomach, and intestines as Bea flies past them on her journey.

Extension challenge: Research what happens if a person has a diet lacking in fibre. How does this specifically affect the movement of waste through the large intestine?