Mapping the Journey: The Human Digestive System

Learning objective: Identify and describe the main parts and functions of the human digestive system.

Use the drawing prompt below to create a detailed scientific diagram. Once your diagram is complete, use the word bank to label the correct parts of the system. Ensure your labels are clear and use a ruler for your lines.

Draw: Draw a clear, anatomical diagram of the human digestive tract. Start with the mouth at the top, leading into a long tube (the oesophagus) which connects to a bag-like shape (the stomach). From the stomach, draw a long, coiled tube representing the small intestine, which then connects to a wider, shorter tube (the large intestine) ending at the rectum. Use a pencil to sketch the organs in proportion to one another inside a human body silhouette. Style: Clean, labelled scientific diagram.

Label words: Mouth · Oesophagus · Stomach · Small intestine · Large intestine · Rectum

Steps:

1. Step 1: Draw the outline of the human torso. Inside, sketch the pathway food takes, starting from the mouth and ending at the rectum.
2. Step 2: Label the tube that carries food from the mouth to the stomach. What is the name of this tube?
3. Step 3: Which organ is responsible for absorbing nutrients from digested food into the bloodstream?

4. Step 4: Draw an arrow to show where water is absorbed from the undigested food. Name this part of the system.

5. Step 5: Why is the stomach's role important in the process of digestion? Describe it in one sentence.