

Digestive System Explanation Text Questions

Teacher Answer Sheet

1. How many different parts of the digestive system are involved in breaking down food in the mouth? **4 – salivary glands, mouth, teeth and tongue.**
2. Where is 'bile' produced? **The liver.**
3. Is the whole of the small intestine used in the digestive process? **No, only the first part called the duodenum.**
4. Explain how the stomach helps to digest food. **The stomach lining produces enzymes and acids which break down food. The stomach muscles churn and breaks food into smaller pieces.**
5. In which part of the digestive system does peristalsis occur? **The oesophagus and the intestines.**
6. Which part of the digestive system sends signals to your brain? Why does it send them? **The rectum sends signals to your brain. It sends them to inform your brain that it contains stools that need to be released.**
7. Why would it be a problem if you did not have a pancreas? **The pancreas produces enzymes that break down fats, proteins and carbohydrates, which are the three main nutrients we eat.**
8. Which part of the digestive system is the most important? Why? Explain your answer with at least two reasons. **There is no 'right' answer here.**

The child needs to:

- 1. Pick one part**
- 2. Include the important function of the part**
- 3. Explain why it can be considered the most important part**