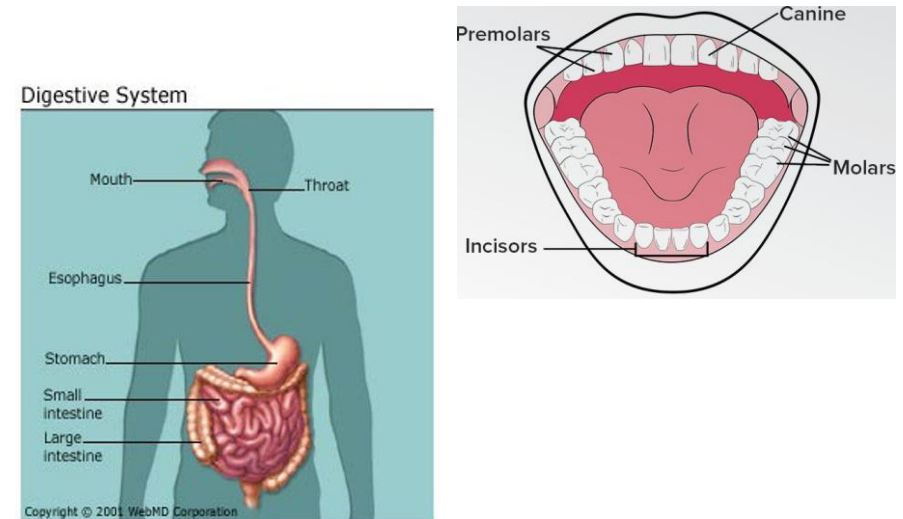


**Year 4 (Science) Knowledge Organiser**  
**Topic: Teeth and Digestion**

**Key Skills:**

- I can identify the basic parts of the digestive system in humans
- I can describe the simple functions of the basic parts of the digestive system in humans
- I can identify the different types of teeth in humans
- I understand the simple functions of the different types of teeth in humans
- I can set up simple practical enquiries, comparative and fair tests
- I understand the causes of tooth decay
- I can explain ways of preventing tooth decay
- I can discuss and demonstrate how to brush my teeth effectively



**Key Facts:**

- Humans have 2 sets of teeth in their lifetime – milk/baby teeth and adult teeth
- Baby teeth are usually replaced by adult teeth between the ages of 6-12
- Adults have 32 teeth in total
- Humans have a variety of teeth including molars, premolars, canines and incisors.
- Incisors help bite pieces from food.
- Canines help hold and tear food apart.
- Molars help grind food.
- Teeth are covered in a hard substance called enamel.
- Cavities can damage a tooth if left untreated
- The digestive system breaks down food we eat into smaller parts so that nutrients can be easily absorbed by the body and the waste discarded.
- Our salivary glands produce around 1.5 litres of saliva each day!
- Most of the digestion and absorption of food nutrients actually takes place in the small intestine
- On average, the human adult male's small intestine is 6.9 m (22 ft 6 in) long, and the female's 7.1 m (23 ft 4 in)

**Key Vocabulary:**

- Canines, incisors, molars, pre-molars
- Tooth decay, plaque
- Enamel
- Practical enquiries, comparative tests, fair tests, variables
- Observe, record, conclusion, prediction
- Digestion
- Mouth, tongue, teeth, oesophagus, stomach, duodenum, small intestine, large intestine, pancreas, liver, rectum, anus, salivary glands, gallbladder, digestion, digest, digestive system
- Glands, enzymes, acid