

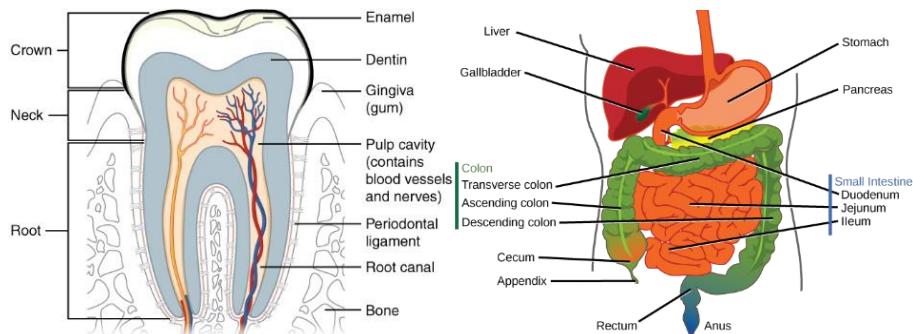


St James' Church of England Primary School

Science Overview Sheet



Year 4 – Teeth & the Digestive System



Rationale: Pupils should be introduced to the main body parts associated with the digestive system, for example, mouth, tongue, teeth, oesophagus, stomach and small and large intestine and explore questions that help them understand their special functions.

Pre-unit task: Knowledge Organiser Quizzes

Working Scientifically:

- Comparing the teeth of carnivores and herbivores.
- Suggesting reasons for differences.
- Finding out what damages teeth and how to look after them.
- Drawing and discussing their ideas about the digestive system and comparing them with models or images.

Statutory Requirements:

- Describe the simple functions of the basic parts of the digestive system in humans.
- Identify the different types of teeth in humans and their simple functions.
- Construct and interpret a variety of food chains, identifying producers, predators and prey (NB: this point can be taught during the year 4 unit linked to environment).
- Describe how teeth and gums have to be cared for in order to keep them healthy.

Overview:

Lesson 1: Digestive System Parts- I can identify and name parts of the human digestive system.

Lesson 2: Digestive System Functions- I can explain the functions of the digestive system.

Lesson 3: Types and Functions of Teeth - I can identify the types and functions of teeth.

Lesson 4: Tooth Decay Enquiry Part 1 - I can ask scientific questions and choose a scientific enquiry to answer them. I can record my data and report my findings.

Lesson 5: Tooth Decay Enquiry Part 2 - I can investigate my results further.

Lesson 6: Digestive System Parts- I can construct and interpret food chains.

Cross Curricular Links

Resources

- Scissors • Glue sticks • Model of digestive system – if available • Strips of paper • Sticky notes • Felt tips or markers • Examples of equipment such as jars, toothpaste, types of drinks

Assessment

Most Children will: • Set up a simple enquiry with support. • Make observations, record findings and use results to draw simple conclusions. • Name parts of the digestive system. • Add functions to the parts of the digestive system. • Identify the function of teeth in humans. • Construct a simple food chain.

Less Able Children will: • Identify parts of the digestive system. • Match the parts of the digestive system with their functions. • Match the types and functions of teeth. • Construct and interpret a food chain.

More Able Children will: • Give clear instructions to perform an enquiry. • Make systematic observations, record using scientific vocabulary and raise further questions based on their results. • Construct the digestive system. • Explain the functions of the digestive system.