



St. Francis Xavier's RC Primary School

Science Unit Guidance and Formative Assessment

Year Group:	4 Autumn 1	Subject:	Science
Unit:	Teeth and Digestion	Prerequisite Learning and Curriculum Links	<p>EYFS ELG The Natural World Explore the natural world around them, making observations and drawing pictures of animals and plants; know some similarities and differences between the natural world around them and contrasting environments; understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p> <p>Health and Safe Care: Understand the importance of a healthy diet and managing hygiene</p> <p>Animals including humans</p> <p>Year 1: identify parts of the body and their function</p> <p>Year 2: recognise ways to be healthy including diet and exercise</p> <p>Year 3: Name parts of the skeleton. Explore the impact of nutrition and diet</p> <p>Curriculum links in Year 4</p> <p>Design Technology: design a tooth model, digestive system in a shoe box.</p>

ROCKS (Remembering Our Curriculum Knowledge and Skills)

Recall the types of teeth (incisors, molars and canines) and recognise how they are shaped for purpose

Describe the simple functions of the basic parts of the digestive system in humans

Construct food chains, identifying the producer, predator and prey

Progressive Journey:

Provide children with mirrors to observe and compare own teeth, looking at the shape and size of each tooth

Create a model to classify each type of tooth and explain the function

Visit from local dentist to explore teeth hygiene to reduce plaque and bacteria

Conduct egg-shell experiment to explore impact of different food groups on teeth

Create a model or labelled diagram showing different parts of the digestive system (including mouth, stomach, ileum and colon)

Skills:

Ask questions to clarify understanding

Use scientific enquiry to answer questions

Present data and information using models or labelled diagrams

Plan and conduct a fair investigation

Make predictions and draw conclusions from results

Key Vocabulary

Teeth, incisors, molars, canines, ripping, tearing, chewing, decay, plaque, bacteria, hygiene

Digestion, mouth, oesophagus, stomach, duodenum, ileum (small intestine), colon (large intestine), rectum

Producer, predator, prey