

Year 4 – Teeth and Digestion LIVING THINGS SCIENCE AUTUMN 1

Prior Learning: Children know that humans need to eat food to get energy and that we need the right about of different foods to stay healthy.

Concept: Living things

We will learn all about the journey food takes through our body!

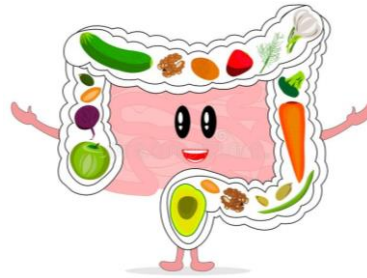
Working scientifically:



Gather and record results



Plan and set up an enquiry



4. TWAL to name the different parts of the digestive system

We will explore different parts of the digestive system, naming the main parts as food travels from mouth to anus. We will make a model of the digestive system with junk modelling.



Order of digestive system: mouth, oesophagus, small intestine, large intestine, anus.

1. TWAL to identify different teeth and their functions

We will explore which teeth we use to eat an apple and a biscuit. Then we will learn about the different teeth and what they are used for.

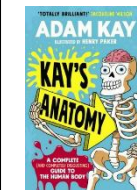


Canines are sharp for tearing meat, molars are flat for grinding.



5. TWAL: to understand the basic functions of the digestive system

Today you will recap different parts of the digestive system and then learn more about their functions using secondary sources. We will make notes to use later!



Plan and set up an enquiry

Teacher will model researching using secondary sources.

2. TWAL to identify what damages teeth

We will use the tooth model to look at how the enamel on the tooth protects the rest of the tooth much like the outside of an egg. We will plan and set up an egg experiment to investigate what damages teeth in drinks!



Plan and set up an enquiry

Enamel is the hardest layer on outside of teeth



6: TWAL: to explain the parts of the digestive system

We will pretend to be a piece of food going on a holiday through the digestive system of a human! What will happen in each part of the digestive system? What changes happen to the food?



Nutrients and water are absorbed by body. Waste is released.

3. TWAL to explain how to look after teeth



We will explore what happens when we don't take care of our teeth. We will gather our results from the egg experiment to answer the question: *Which drink would be healthiest for pre-school?* Then we will learn how to look after your teeth from a dentist and make posters to explain how to look after your teeth.



Words we will know!

