



Shadsworth Junior School



Curriculum

Year 4 Scheme of Work

Term: Autumn 1

Topic: Science – Digestive System

Key Skills and Knowledge:

Digestive System

Name and describe the simple functions of the basic parts of the digestive system in humans.

Name and 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.

Working Scientifically

Comparing the teeth of carnivores and herbivores, and suggesting reasons for differences; finding out what damages teeth and how to look after them. They might draw and discuss their ideas about the digestive system and compare them with models or images. Pupils should ask relevant questions, make predictions and set up a fair test. Report findings using scientific language, drawings, diagrams and presentations.

Reading and Writing Opportunities (Long and Short Activities)

Creative Ideas and Hooks

Explanation text – How do we digest our food?

Why does chocolate taste so much better than paper?

Using Google Docs, Write a recipe for a healthy meal.

Make a model of the digestive system, make your own poo!

WOW – Children to eat a piece of chocolate at the beginning of the day with a view of tracking its journey through the body.

Links to PSHCE, Equality and British Values Work

Healthy eating

Cooking / food from other cultures

Vegetarian food

Voting for healthy meals

Key Vocabulary:

Resources Available / Visits/Visitors

Useful Websites:

Digestion, mouth, throat, saliva, salivary glands, oesophagus, enzymes, infection, starch, fat, teeth, incisors, tongue, teeth, stomach, small and large intestine

Text – The incredible Book eating Boy by Oliver Jeffers (class book and PowerPoint)

<https://www.youtube.com/watch?v=JnzwbiJuAA>

Model of mouth and teeth (science cupboard)

<https://www.youtube.com/watch?v=bFczvJp0bpU>

Vocabulary word cards – Splat game.

Previous Knowledge:
Identify and name a variety of common animals that are carnivores, herbivores and omnivores.

Visit to Manchester Museum, A journey through the digestive system.

Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.