

Year 4 Autumn Curriculum Map

How does the digestive system work and how does the NHS help us?

Purpose of the theme:

- To allow children to gain an understanding of how their bodies work and make comparisons with other animals.
- To evolve an understanding of the development of medicine throughout history and key local figures that have contributed to medical advances.



English

Key texts: Broccoli Boy, The Teacher Pleaser

Writing: Children will write more extended pieces of work covering a variety of genres. This will begin with an explanation text to clarify how the digestive system works. Followed by a limerick to amuse people about various ailments and a dilemma story to create suspense. Other writing this term will be linked to our science experiments, research about various important medical discoveries and developments including the NHS. Children will continue to increase their grammatical terminology throughout the term.

Word Reading / Comprehension Outcomes:

Children will be following the adventures of a boy called Rory who has an extraordinary journey whilst in an isolation ward in a hospital. This will allow children to enhance their comprehension skills such as prediction, retrieval and inference skills based on the book, 'Broccoli Boy'. Children will also explore non-fiction texts through research in science and history as well as applying these skills further when reading 'Women in Science'.

Spelling Outcomes:

Over the course of the term, the children will be focusing on various spelling rules. We will focus on spelling words with /shuhn/ endings spelt with 'sion', 'ssion', 'tion' and 'cian'. It is also important that children focus on being able to spell the Year 3 and 4 Statutory spellings. If you would like a copy of these words, please ask your child's teacher.

Maths

Place Value

Developing our knowledge of place value up to 10,000. We will also be rounding numbers to the nearest multiple of 10, 100 and 1000 using this knowledge.

Addition and Subtraction

Adding and subtracting using the correct written method and applying these to reasoning and problem solving.

Multiplication and Division

We will begin our unit, looking at equal groups, arrays and sharing. Then building further by using our timetable knowledge to multiply and divide and answer these in worded questions.

Children will also continue to develop their recall speed of various times tables. This term, our focus will be on previously learned tables (2,5, 10, 3, 4, 6 & 8) as well as looking closely at the multiplication facts for the 9 & 7 times tables.

Science

Focus: Digestive system, functions and types of teeth, classification of animals, exploring sound, volume and pitch.

Outcomes:

Children will explore the digestive system of the human body through a scientific investigation which will demonstrate this process. They will take an in depth look at dental care including researching the different types of teeth, their functions and discussing healthy and unhealthy food choices based on this. Children will look at the classification of animals and talk about various similarities and differences between the groups. They will also construct and interpret a variety of food chains, identifying producers, prey and predators. Finally, children will explore sound, recognising that vibrations travel through a medium to the ear. They will find patterns between pitch, features of the object, volume and strength.

Humanities

History Focus: Chronology, primary and secondary sources, reliability of sources, cause and consequence.

Outcomes:

Children will discuss the meaning of this so that they can order key medical discoveries from the past. Alongside this, we will explore the causes of these key events and how this has impacted the course of history and contributed to future discoveries. Children will also begin to learn the difference between types of historical sources and discuss their reliability based on this.

Art and DT

Art Outcomes:

In Art this term, we will develop our understanding drawing and sketching through observation. Children will have the opportunity to experiment with shading and layering to exercise their imaginations. We will also build on these ideas to develop our sculpting skills to create clay models of our teeth.

DT Outcomes:

In DT, children will be planning, creating and evaluating a cure for an illness of their choice. They will have to conduct market research for different packaging and uses of medicines. This will contribute to their designs where they will evaluate their considerations for their chosen target audiences.

Music

Focus:

Food and drink - performance skills
The environment - composition skills
Introducing the recorder

Outcomes:

Children will hold a recorder correctly and control breathing accurately playing B A G.

Children will maintain a part in a performance.

Children will combine different timbres to create effect.

R.E

Outcomes:

This term, we will begin to make comparisons between at least three different religious texts. Children will also recall similarities and differences for a variety of religions. We will also explore the rites of passage for Christianity and at least one other religion.

PSHRE

Outcomes:

Children will learn more about relationships; understanding the key characteristics of bullying, when it can occur and the impact it can have on people. Children will also explore the concept of cyberbullying and how to keep safe online. They will also look at who they are connected to, our community and how they make friends.

P.E.

Outcomes:

In Indoor PE this term, we are learning to develop our fitness skills.

In Outdoor PE this term, we are learning the team game of lacrosse. Some children will alternatively be going swimming this term.

Computing

Focus: This term, children will be developing their programming skills by creating their own apps to explore the digestive system.

In E-Safety, we will develop an understanding of what online platforms are safe and what can be dangerous.