

Year 4 - Areas of Study Autumn 2 - 2024

Topic Title: It Takes Guts!
Key Question: How does our body turn food into fuel?
English (Reading and Writing)
<p>Reading:</p> <p>In guided reading, the children will be studying a book called Tilly and the Time Machine, by Ade Edmondson. This children's fiction novel follows a young girl named Tilly whose dad builds a time machine. This adventure novel contains themes of time travel (where characters travel to different time periods and explore), friendship and family and overcoming challenges. In guided reading lessons, we will be using VIPERS style of questioning (Vocabulary, Infer, Predict, Explain, Retrieve, Summarise).</p> <p>Writing:</p> <p>In our writing lessons during Autumn 2, the children will identify the features of different texts, plan and write different styles of writing. These will include writing an advert for an event to showcase Tilly's time machine.</p> <p>When learning to write instructions, children will learn the features and layout of instructions. The children will then write clear instructions for bread making, making links to our D.T. topic. We will have a poetry unit of learning, where the children will read a poem and pick out different features of language and writing techniques, including rhythm, rhyme, patterns, alliteration, similes and metaphors. They will be taught to explain the effect of these techniques and have a go at including some within their own poems that they will write.</p>
Maths
<p>Maths will be taught discretely throughout this topic, following the White Rose scheme of work. The children will be exploring the following topics during Autumn 2: Area and multiplication and division.</p> <p>This half term, children learn their multiples of 3, and learn how to multiple and divide by 3, 6, 7, 9, 11 and 12.</p> <p>The children will learn what area is, count squares to calculate area make shapes to equal a given area and compare area.</p>
Science
<p>The children will learn to identify each part of the digestive system and where it is located. They will also discover the basic function of the digestive organs. Once they have a better understanding of the digestive system, they will have the opportunity to put their learning into action and create a basic digestive system in the classroom.</p> <p>The children will learn about the different types of teeth humans have and what their function is. They will also carry out an observational science experiment to see how different solutions effect eggshells (eggshells have a similar chemical composition to our tooth enamel, making them react similarly with other chemicals).</p>
History
Not delivered this half term.

Geography

Within Geography this half term, the children will learn about the major mountain ranges in the United Kingdom. This will include where they are geographically located, what their names are, how tall they are and what the conditions in that area are like. To further their learning about the physical geography of the United Kingdom, the children will learn about the main rivers and where they are located.

The children will look particularly at Ben Nevis and Snowdonia during our Geography lessons. We will investigate the surrounding areas using Ordnance Survey maps; looking at the different symbols used and how to use a key to locate different features on a map. Alongside this, the children will explore the height of mountain ranges on a map using contour lines.

Art

Not delivered this half term.

Design Technology (DT)

Not delivered this half term.

Music

We will be using the Sing Up! Scheme to scaffold our teaching for music, focusing on 'The doot doot song'.

The doot doot song has a summery and relaxed swing feel, reminiscent of Jack Johnson. It is based on a typical song structure and uses C major, A minor, and F major chords. During the unit, pupils learn to sing and play the song, develop technical skills on tuned percussion, learn about chords, 'doodle' (improvise) with their voices and experience playing in a class band. Playing, singing, and improvising is supported by listening to, and appraising music based around the acoustic guitar, comparing and contrasting different artists' styles.

Religious Education (RE)

RE will be taught weekly throughout the year. This half term, pupils will cover themes of identity and belief. They will learn about different religions and belief systems and how these differ and are like one another.

This half term we will explore Hinduism and learn more about the Diwali and Christmas celebrations.

Linking beautifully to one of our trips this half term, the children will gain an understanding of the Hindu faith and religion when we visit BAPS Shri Swaminarayan Mandir in London. The children will have the opportunity visit this incredible religious building and deepen their knowledge of other religions that may differ or share similarities with their own views.

Physical Education (PE)

This half term, the children will spend two full weeks learning and improving their swimming skills. During this time one session will be set aside to teach all children safe self-rescue and the children will require to wear light clothes over their costumes.

The pool will be located on site and the children will swim in groups of 10- 12 children. They will be required to swim daily.

In outdoor P.E., the children will learn how to play tag rugby safely. They will learn how to take opportunities to run with the ball, be able to cushion a ball and quickly defend collectively as a team. They will also develop basic tactile awareness in small, sided games.

Computing

The children will be using the internet programme **Scratch**. This programme provides the children with the backdrop for their game. They will learn how to create a *Sprite* (character), set codes to move the Sprite and create a game that can be enjoyed by their friends. The children also develop resilience when overcoming problems related to debugging and creating simple codes. In addition, the children will have the opportunity to create a 2D computer aid design (CAD) to enhance their D.T. project.

Personal, Social and Health Education (PSHE)

PSHE will be taught weekly, however there are a variety of themes the children will cover that lend themselves to our Greek topic this half term. This will include the pupils gaining an understanding of democracy, the right to vote and how the voting system in England functions. The children will understand and appreciate that their peers will have similarities and differences to them. They will learn how to discuss and recognise these differences in a respectful and sensitive manner; including using the correct vocabulary to do so.

Modern Foreign Languages (MFL)

We will continue to teach French weekly, we will be covering the topic of les saisons (the seasons). We will recap last term learning and revisit classroom commands and vocabulary for the days of the week and months of the year. We will continue to build on this foundational knowledge by learning about the different seasons in French.

[*If you require additional information relating to our school curriculum, please ask at the school office or the class teacher.](#)