

In Maths the children will be developing a deeper understanding of multiplication and division including multiplying with teen numbers, multiplying by 10 and 100 and problem solving. We will be looking at adding and subtracting 2 and 3 digit numbers including using measures. We will be returning to time, fractions, shape and right angles calculating areas and perimeters. We will be sorting and classifying using Carroll and Venn diagrams and representing data using lists, tables and charts. We will be continuing to practise our times tables.

We will be learning to...

- Use and understanding numbers up to 1000 and then beyond 1000
- Count up in multiples of 10, 25, 50, 100 and 1000
- Use negative, as well as positive, numbers
- Add, subtracting, multiplying and dividing mentally and using formal written calculation methods
- Use and learn the 2, 5, 10, 3, 4, 8 times tables
- Solve maths problems
- Explore fractions and find fractions of amounts

What we are learning in Year 3 Spring 2023

In Art the children will be studying sketching techniques and sculpture. The children will be using a variety of pencils and grey scale pastels for their 2D work and creating 3D sculptures using papers and clay. We will be focusing on the work of Henry Moore.

We will be learning to...

- Explore ideas and collect visual and other information for my work.
- use a number of sketches to base my work on.
- Annotate my sketches in my art sketchbook to explain my ideas.
- Sketch lightly so that I don't need to use a rubber.
- Use different grades of pencils at different angles to show different tones.
- Cut skills are precise.
- Use a range of craft tools safely.
- Use straight and wavy edged scissors effectively to cut fabric, paper and card along different lines or around shapes smoothly and neatly.
- Fold paper and thin card neatly and accurately making proper creases and score card.
- Make paper coils and lay them out to create patterns or shapes.

In Literacy, we will be focusing on narratives. In the first half term we will be looking again at characters, settings and plots and writing myths and legends being particularly

In Science our topic is Rocks, Fossils and Soils. As part of this topic children will learn the different types of rocks and how they are formed. They will investigate how fossils are formed and learn about the famous paleontologist Mary Anning. The children will explore soil permeability.

After half term, the children will be learning about plants. They will identify and describe the functions of different parts of plants and investigate the requirements for a plant to survive. We will investigate the way in which water is transported within plants and explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

We will be learning to...

- Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.
- Describe in simple terms how fossils are formed when things that have lived are trapped within rock.
- Recognise that soils are made from rocks and organic matter.
- Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers.
- Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant.
- Investigate the way in which water is transported within plants.
- Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

In Geography, the children will begin to look at mountains, volcanoes and earthquakes. They will learn about the different types of mountains and how they are formed as well as discussing famous mountains around the world. They will learn about dangers that coincide with mountains, volcanoes and Earthquakes.

We will be learning to...

- Describe and understand key aspects of physical geography, including: Mountains, volcanoes and earthquakes.
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

In PSHCE our topic is 'see it, say it, stop it'. We will be learning what bullying is, what the signs of bullying are and what we can do if we think we are being bullied or know someone else is.

We will be learning to...

- Define what is meant by 'bullying'
- Identify the difference between falling out with someone and bullying
- Understand how bullying can make people feel and that bullying (including cyberbullying) has a negative and often lasting impact on mental wellbeing and that this is unacceptable
- Name different types of bullying (including racism)
- Identify the different ways bullying can happen (including online)
- Describe how they would respond in a range of situations relating to falling out and bullying, *about how resorting to violence is wrong* and including how to get help
- Explain how to react if they witness bullying
- Understand the role of bystanders and the important part they play in reducing bullying
- Know how and to whom to report incidents of bullying, where to get help and support

In RE we will be finding out about Christianity and try to answer the question 'What does it mean to be a Christian?' Through discussing where the religion was founded and by whom as well as looking at the place of worship and holy book. We hope to visit three different places of worship, including a Church.

We will be learning about...

- Where, how and why do people worship? (Christianity)
- Why some people think life is like a journey? How and why do people mark the significant

In History, we will be learning about the Anglo Saxons, researching how daily life was very different and comparing artefacts from the time to those we use now.

We will be learning...

- About Britain's settlement by Anglo Saxons and Scots:
- To understand where the Angles and Saxons came from and the context (the fall of the Roman Empire)
- To know the way the country was divided into different kingdoms.
- To understand some of the key aspects of Anglo/Saxon village life, including homes, food, clothes and religion.
- To understand some key details about some Saxon kings, including Alfred The Great, King of Wessex.

In French the children will be learning to count to 20 and further classroom instructions. They will learn to say the colours in French and days of the week. They will have the opportunity to practise French conversations.

We will be learning to...

- Respond to simple questions with support from a spoken model or visual clue.
- Respond to spoken instructions.
- Greet others with confidence and reply to questions.
- Begin to know some key vocabulary including: classroom equipment, food, body parts, colours, days of the week, numbers etc.

In ICT, the children will use different coding programmes to create their own algorithms for games and debug simple instructions.

We will be learning...

- How to create algorithms to control outcomes (on screen e.g. with 'Scratch' or off screen.)
- Control a device to perform a sequence of actions or create an animation (e.g. using 'Scratch') by correctly sequencing instructions.
- Create algorithms and be able to debug simple

In PE the children will further develop their balance, flexibility, coordination and stamina.

We will be learning to...

- Practise skills in isolation and combination (e.g. throwing and catching with greater accuracy).
- Work well as a team in competitive games. Apply basic principles of attacking and defending.
- Begin to develop an understanding of fair play (respect team -mates and opponents and giving fair feedback to others).

In Music, the children will be focusing on rhythm, pulse and pitch and linking this to singing and playing instruments.

- Recognise the style of the five songs.
- choose one song and be able to talk about it.
- Find the pulse/steady beat of a song.
- To know that if you improvise using the notes you are given, you cannot make a mistake.