

In Maths we will be continuing to follow the White Rose Maths programme.

Multiplication and Division

- Step 1 Multiples of 10
- Step 2 Related Calculations
- Step 3 Reasoning about multiplication
- Step 4 Multiply a 2 digit number by a 1 digit number –no exchange
- Step 5 Multiply a 2 digit number by a 1 digit number –with exchange
- Step 6 Link Multiplication and Division
- Step 7 Divide a 2 digit number by a 1 digit number –no exchange
- Step 8 Divide a 2 digit number by a 1 digit number –flexible partitioning
- Step 9 Divide a 2 digit number by a 1 digit number –with remainders
- Step 10 Scaling
- Step 11 How many ways?

Length and Perimeter

- Step 1 Measure in metres and centimetres
- Step 2 Measure in millimetres
- Step 3 Measure in centimetres and millimetres
- Step 4 Metres, centimetres and millimetres
- Step 5 Equivalent lengths (metres and centimetres)
- Step 6 Equivalent lengths (centimetres and millimetres)
- Step 7 Compare lengths
- Step 8 Add lengths
- Step 9 Subtract lengths
- Step 10 What is perimeter?
- Step 11 Measure perimeter
- Step 12 Calculate perimeter

Fractions

- Step 1 Understand the denominators of unit fractions
- Step 2 Compare and order unit fractions
- Step 3 Understand the numerators of non-unit fractions
- Step 4 Understand the whole
- Step 5 Compare and order non-unit fractions
- Step 6 Fractions and scales
- Step 7 Fractions on a number line
- Step 8 Count in fractions on a number line
- Step 9 Equivalent fractions on a number line
- Step 10 Equivalent fractions as bar models

Mass and Capacity

- Step 1 Use scales
- Step 2 Measure mass in grams
- Step 3 Measure mass in kilograms and grams
- Step 4 Equivalent masses (kilograms and grams)
- Step 5 Compare mass
- Step 6 Add and subtract mass
- Step 7 Measure capacity and volume in millilitres
- Step 8 Measure capacity and volume in litres and millilitres
- Step 9 Equivalent capacities and volumes (litres and millilitres)
- Step 10 Compare capacity and volume
- Step 11 Add and subtract capacity and volume



What we are learning in Year 3



Spring 2023

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 inspired by the story of Theseus and the Minotaur. After half term, our focus will move to mystery and adventure stories when will also be revisiting speech marks.

We will be learning to...

- Build fluency and confidence when reading
- Predict what might happen next in a story
- Comment on the content of a text and answering questions beginning to justify their answer with evidence
- Use capital letters, full stops question marks, exclamation marks and commas
- Spell words with growing accuracy
- Use adjectives adverbs, powerful verbs and similes to improve sentences
- Improve our handwriting and presentation and develop a legible joined style.

In Art the children will be studying sketching techniques and sculpture. The children will be using a variety of pencils 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.
- 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.
- Use a range of craft tools safely.
- Use different 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 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 palaeontologist 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 PSHRE 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 events of life?
- What are the deeper meanings of the festivals?

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

We will be learning to...

- 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.

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 Computing, the children will be learning about touch type and emails.

We will be learning to...

- To understand the correct way to sit at the keyboard.
- To learn how to use the home, top and bottom row keys.
- To practice the keys typed with the left hand.
- To practice the keys typed with the right hand.
- To think about the different methods of communication.
- To open and respond to an email.
- To write an email to someone from an address book.
- To learn how to use email safely.
- To add an attachment to an email.
- To explore a simulated email scenario.

In PE, we will be learning...

Dance

- to perform a jazz square and use it in our dance.
- to perform a dance showing two contrasting characters.
- to develop movements using improvisation.
- to use props in our dance sequence.
- to use facial expressions to bring life and emotion to our dance.
- to take on the role of director to help others improve their dance

Hockey

- to keep close control of the ball using the flat side of the stick.
- to control the ball and pass it into space.
- to use a defensive body position.
- to consistently stop a moving ball ready to pass or shoot.
- to improve our agility and apply it in a game situation.
- to avoid our feet contacting the ball and apply basic rules to the game

Gymnastics

- to show full extension during a balance.
- to move in and out of contrasting shapes with fluency. to perform a sequence using different types of rolls.
- to perform powerful jumps from low apparatus.
- to perform in unison with a partner.
- to create a group performance using contrasting actions.

Lacrosse

- to throw and catch underarm.
- to throw and catch overarm.
- to use the shovel technique to collect a groundball.
- to pass over longer distances to move the ball into space.
- to perform quick, accurate passes to create scoring opportunities.
- to communicate to teammates to receive a pass in space.

In Design Technology, the children will be creating a small cushion decorated using different shaped materials and stitches to create an underwater scene.

We will be learning to...

- I have the basics of cross stitch.
- I can thread my own needle and tie knots.
- I know how to colour fabric.
- I comment on similarities and differences between my own work and that of others.
- I adapt and improve my own work.