

Science

In Science, we will be learning about the 'Circulatory System'. The big ideas that children will be studying are:

- What is blood made of and why do we need it?
- Why do our bodies need nutrients and how are they transported?
- What is our circulatory system?
- What is our heart like inside? How does it work?
- Who influenced what we know about our circulatory system?
- What can we do to keep healthy?

Computing

This unit introduces children to spreadsheets. Children are supported in organising data into columns and rows to create their own data set. Children are introduced to formulas and begin to understand how these can be used to produce calculated data. They are taught how to apply formulas which include a range of cells and apply formulas to multiple cells by duplicating them. Children will use spreadsheets to plan an event and answer questions. Finally, they will create graphs and charts to evaluate their results.

Art

Children will be studying the unit 'Make my Voice Heard'. Children will explore art with a message, they will look at the famous 'Guernica' by Picasso and the confronting works of Käthe Kollwitz. Children will develop their drawings to incorporate new surfaces, a range of techniques and demonstrate an emerging personal style.

PE

The focus this half-term is on 'Gymnastics' and 'Leadership'.

In Gymnastics, some of the skill we will work on are:

- Holding controlled balances on a number of body parts.
- Creating a sequence of moves in unison with a partner.
- Holding a range of symmetrical and asymmetrical counter balances

In the 'Leadership' unit children will look at:

- Arranging tasks for maximum involvement for everyone.
- The importance of delivering clear instructions.
- Identifying when there is a lack of challenge.

REMINDER: Ear-rings should not be worn on P.E. days.

Geography

In Geography children will be looking at 'Earthquakes, Mountains and Volcanoes'. The big ideas that children will be studying are:

- What makes up the layers of planet Earth?
- What are tectonic plates and where do you find them?
- How do tectonic plates move and what happens?
- What causes an earthquake and what's the effect?
- How are mountains formed?
- How do volcanoes work?

Memorable Experience

Children will have the opportunity to dissect a sheep heart. Children will be guided through this interesting procedure where they will be able to see the four heart chambers and the vessels going into and out of the heart. This will help them understand the structure of the organ and how it relates to its function.



English

This half term's English book is 'The Selfish Giant.'

Using the text, we are going to practise a range of skills to ensure we can write using the passive, with cohesion and a range of Year 6 punctuation. Writing will include: monologues, diary writing, letters and narrative.

The narrative will form part of your child's independent writing portfolio. This portfolio has 6 pieces of work from throughout the year. It is extremely important children attend school so they don't miss out on these pieces of writing.

Grammar

We will continue to build on and expand upon the children's knowledge of grammar. As always, we revisit and revise grammar learnt across KS2 in our lessons as well. You can support your child by ensuring they are accessing spag.com.

Spellings

Spelling lessons take place regularly each week. Your child will be given weekly spellings based on the new rule learnt in lesson. They will then be tested the following week. Please try and help your child with their spellings.

YOU CAN HELP YOUR CHILD BY –

Encouraging your child to read **daily** and discussing what they have read.



PSHE

This half term we will be looking at the unit 'Right and Responsibilities'. This will cover the following:

- Two sides to every story – media influence.
- Fakebook friends - internet safety and peer influence.
- What's it worth – saving money.
- Jobs and taxes.
- Action stations – looking at organisations that work to make a difference in the wider community.

MyHappyMind- our new PSHE curriculum encourages the children to learn about their brain and its job. Team H-A-P (hippocampus, amygdala, and prefrontal cortex) will make understanding our brain fun!

You can help your child by:

Children will be given homework for Maths, Spelling, Grammar and Reading weekly. Homework must be handed in on the designated day that the teacher gives. Homework will help children ensure that they are understanding concepts taught in school and retaining the information.

Attendance matters: learning time is precious, therefore every day counts. Please ensure your child is in school on time every day.

Music

In music we will be working through the unit 'Music and Me'. Throughout this unit, children will explore the concept of 'identity' – the various elements that shape us. Children will be encouraged to try out different ways of making their own music. We will also be looking at inspirational British women with different cultural backgrounds working in music, and how they express themselves through music.

MFL

In MFL, the children will continue to develop their Arabic skills with Dr Khalil, by learning specific vocabulary associated with family and the weather.

Maths

This half term we will cover the following topics: Number, Fractions, Decimals and Percentages (FDP), Geometry and Statistics.

For each topic, we work through the following sequence, encouraging the mastery approach in Maths which helps the children to apply their knowledge:

- We practise the **skill**.
- We answer **reasoning** questions based on the skill.
- We apply knowledge to **mastery** based questions.

Children are also encouraged to use the 'maths.co.uk' website to practice applying knowledge to reasoning questions.

RE

In RE children will explore the unit 'What do Christians believe about Jesus' death and resurrection?'. Children will consider narratives such as: Palm Sunday and the link to kingship; Maundy Thursday and the Last Supper; Good Friday and the crucifixion; Easter day and the empty tomb.