

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?

PSHE

As part of our PSHE curriculum this half term, the children will engage in a range of important topics designed to promote safe decision-making, responsible citizenship, understanding of laws, and healthy relationships with technology:

- Two sides to every story
- Fakebook friends
 - What's it worth?
 - Action stations
 - Happy shoppers
 - Democracy in Britain Elections
 - Democracy in Britain How (most laws are made)

Computing

This half term children will develop their knowledge and understanding of using a computer to produce 3D models. Children will initially familiarise themselves with working in a 3D space, moving, resizing, and duplicating objects. They will then create hollow objects using placeholders and combine multiple objects to create a model of a desk tidy. Finally, learners will examine the benefits of grouping and ungrouping 3D objects, then go on to plan, develop, and evaluate their own 3D model of a building.

Natterhub:

In Natterhub, children will explore the following units: **Technology for Good**, learning how technology can positively impact lives; **My Online Reputation**, understanding how their actions online affect how others see them; and **How to Password**, focusing on creating strong, secure passwords to protect their information and stay safe online.

Music

This half term, children will focus on the unit Music and Me. In this unit, children will explore identity through music, learning about inspirational women in the industry. They will listen to female artists, discuss key themes, and create their own music using digital tools or instruments. The unit promotes confidence, creativity, and self-expression while highlighting the role of women in music.

English

This term, Year 6 are exploring *Plastic Planet: How Plastic Came to Rule the World* by Georgia Bradshaw. Through this powerful text, children will write persuasive speeches, letters and information texts highlighting the problems caused by plastic use and its impact on our planet. We will encourage children to think critically and inspire positive environmental change.



Art BLOCK B: Painting and collage

In this block, children will complete a series of still life paintings, combined with collage. They will look at the still life work of Patrick Caulfield and compare it to the cubism work of Pablo Picasso.

Maths

In Maths, children will focus on statistics and proportion, developing fluency in data interpretation, ratios, and scaling. They will apply their knowledge to real-world problems, engage in reasoning tasks, and strengthen their critical thinking. This approach will build confidence and proficiency, preparing them for more complex mathematical challenges.

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 learn their spellings.

PE

Evade, Invade, Capture

Children explore movement and decision-making through energetic games that involve escaping opponents, invading space and collecting objects. They learn to choose effective tactics, work with others and adapt strategies in different challenges, preparing them for a wide range of invasion-style sports.

Tennis

Children develop racket control and court awareness through adapted tennis activities. They practise controlled shots, serving and rallying, learn how scoring works, position themselves effectively, and cooperate with partners, building understanding of game play while showing respect, focus and perseverance.

History

In Geography children will be looking at earthquakes, mountains and volcanoes. The big ideas that they 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?

Religious Education

This half term children will explore the unit 'rites of passage'. As children grow, they gain rights, such as independence and decision-making, alongside responsibilities like respect and accountability. They will explore and compare rites of passage from different cultures and religions. Children will discuss beliefs, reflect on life's big questions, and learn how people express faith through art, music, and storytelling.

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 everyday counts. Please ensure your child is in school on time every day.