

### Science

In Science, we will be learning about Electricity. The big ideas that children will be studying are:

- What is electricity and how does it work?
- How are series circuits built and represented?
- What are the components in a series circuit?
- How does the number of cells and voltage affect components in a circuit?
- What are the effects and consequences of changing circuit components and batteries?

### Design and Technology

#### **BLOCK D: Structures – How long is a piece of spaghetti?**

In this Design and Technology unit, children will investigate how structures can be made strong and stable. Children will test materials, explore forces such as compression and tension, and learn how shapes like triangles and features such as guy lines improve stability. They will design, build, test, and refine a tall structure, developing practical problem-solving, evaluation, and teamwork skills.

### Maths

In Maths, children will focus on decimals, measures, missing lengths and angles, and coordinates and shapes. They will develop fluency in these areas, ensuring a solid understanding of the core concepts and operations. They will then apply their knowledge to solve real-world problems and engage in reasoning tasks, strengthening their critical thinking. This approach will help them become confident, proficient mathematicians, ready to tackle more complex challenges.

### History

In History children will be looking at Windrush and South Asian immigration. The big ideas that they will be studying are:

- Where are the Caribbean islands? What's their history?
- Why did people migrate from the Caribbean to England in 1948?
- Why did people from South Asia migrate to Britain in the 50s and 60s?
- What was life in London like for the Windrush pioneers?
- What impact did South Asian and Windrush migration have on Britain?

### PSHE

As part of our PSHE curriculum this half term, children will take part in a series of lessons designed to support safe decision-making, responsible citizenship, and positive choices online and in the wider community. Lessons will encourage discussion, reflection, and understanding, helping children develop knowledge and skills they can use in everyday life.

- Think Before You Click!
- To Share or Not to Share
- Rat Park – Understanding Choice, Influence, and Environment
- What Sort of a Drug Is...?
- Drugs: It's the Law
- Alcohol: What Is Normal?
- How Can We Use Our Phones Sensibly?
- What Is Antisocial Behaviour?

### English

This half term, Year 6 will be inspired by the timeless classic The Selfish Giant by Oscar Wilde. Through this beautifully written story, children will explore themes of kindness, selfishness, and personal growth. They'll have the opportunity to craft their own writing pieces, drawing on the book's rich narrative to develop their creative and descriptive skills.



### 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.

### Religious Education

This unit explores how Jewish traditions and teachings influence faith today. Children will learn about Jewish beliefs, stories, celebrations, and rituals. It focuses on key festivals like Rosh Hashanah, Purim, and Hanukkah, showing how Jewish communities express their faith and celebrate together through shared traditions and actions.

### Computing

This unit introduces children to spreadsheets, teaching them to organise data, format it for calculations, and use formulas. They will apply formulas to multiple cells, plan events, answer questions, create charts, and evaluate results.

### 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 song **Happy** by Pharrell Williams. They will explore music through listening, appraising, singing, and playing instruments. The unit includes warm-up games, improvisation, composition tools, and performance opportunities. Children will also learn about musical dimensions like pulse, rhythm, and pitch in an integrated and engaging way.

### PE

#### **Speed, Distance, Strength**

In the Speed, Distance and Strength unit, children develop running, jumping and throwing skills through a range of athletic activities. They learn how technique, power and control affect performance, set personal goals, compare results, and improve personal bests while building teamwork, resilience and confidence.

### Tchoukball

In the Tchoukball unit, children develop throwing, catching, movement and spatial awareness skills through modified games. They learn the rules and strategies of non-contact play, apply teamwork and communication, and use tactics to find space, improve accuracy, and support fair, respectful competition.

### 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.