



JULIAN'S PRIMARY SCHOOL

Year 5

Term 1 Curriculum Newsletter

Wider Curriculum: What should it be made from?



Science

This half term our focus will be on science. The children will compare and group together everyday materials on the basis of their properties, including hardness, solubility, transparency and conductivity. They will also use their knowledge of solids, liquids and gasses to decide how mixtures might be separated and how to recover a substance from a solution. They will carry out a variety of comparative and fair tests, and will learn how to demonstrate that dissolving and changes of state are reversible changes. As part of our science topic this half term, each class will have an education visit to Western Riverside Waste Authority Recycling Facility. The educational visits will take place on the following dates for each class:

- Monday 16th September - **5SW**
- Tuesday 17th September - **5SL**
- Thursday 19th September - **5N**
- Friday 20th September - **5P**
- Monday 23rd September - **5A**

English

We will begin this half term by focusing on narrative writing using Kensuke's Kingdom by Michael Morpurgo and will make predictions about the story before being fully immersed in the text. The children will select and generate vocabulary to describe the characters and different settings within the text, before planning and writing an alternative final

chapter for the original story.

Next, we will be focusing on explanation texts. The children will explore a range of explanation texts and identify the different features. As part of our science topic, the children will learn about different recyclable materials and will design their own recycling machine. They will then write an explanation text detailing the process of their machine using their scientific knowledge.

Reading

We will have whole class reading lessons every day at school, focussing on different key skills, such as predictions, making connections, asking questions, summarising and inferring. Your child will be able to borrow a chapter book to read at home and in the classroom. Alternatively, they are welcome to bring in their own reading book from home. If you lose a book, please notify us as soon as possible to prevent any delay in your child being issued a new book.

Maths

We will be working from the 'Power Maths' scheme of work. This half term we will focus on 'place value and 'addition and subtraction'.

Place value work will include finding the value of each digit in numbers to 1,000,000, partitioning numbers in different ways and rounding numbers to the nearest 10, 100, 1000, 10,000 and 100,000. The children will also compare and order numbers to 1,000,000, as well as practicing representing numbers in different ways using Roman numerals.

Addition and subtraction work will include learning to add and subtract numbers with up to 5 digits by adding and subtracting mentally and using the column method. The children will also learn to round numbers to estimate answers to problems and will solve problems using the addition and subtraction operations.

Throughout the academic year, all children will be encouraged to recall specific number facts (KIRFS) as well as using and applying their mathematical knowledge. All children are expected to solve problems and to explain their mathematical reasoning. KIRF's targets are important in supporting the children's mathematical fluency and problem solving skills.

Art and Design

In design and technology this half term, the children will follow the design process to design, create and make a purposeful laboratory coat. They will be thinking about the purpose of a laboratory coat and qualities it should include to be functional. The children

will individually create their laboratory coat using different skills including stenciling, sewing and printing.

Religious Education

This half term in R.E we will focus on the religion Sikhism. The children will be learning about the importance of Guru Gobind Singh, the establishment of the Khalsa and the celebration of the festival Vaisakhi. We will also be learning about the Sikh community and the Amrit ceremony.

Music

Music will be taught weekly each term. The children will have one Music lesson with Lambeth Music, as well as one Steel Pans lesson weekly.

Steel Pans

- Streatham: Monday
- West Norwood: Monday

Lambeth music

- Streatham: Wednesday
- West Norwood: Wednesday

Computing

This half term, our computing unit is 'We Are Web Developers'. As part of this unit, the children will be creating their own websites in small groups about cyber safety. We will also use computing across other areas of the curriculum throughout this term.

Physical Education

This half term, PE lessons will take place on the following days:

- **5A:** Monday
- **5P:** Wednesday
- **5N:** Thursday
- **5SW and 5SL:** Friday

Swimming lessons will take place on the following days:

- **5SL:** Monday
- **5N:** Tuesday
- **5A:** Wednesday
- **5SW:** Thursday
- **5P:** Friday

Please ensure that your child brings in their P.E/swimming kit to school on their respective

day. P.E kit is part of your child's school uniform.

Homework

A multi-choice topic grid of 9 activities will be uploaded to Google classroom at the start of each half term. The children should choose one task to complete each week for homework.

Spelling homework will be uploaded every Friday to Google classroom. A spelling quiz linked to the weekly spelling words or rule will take place in class every Friday.

Maths homework is Times Tables Rock Stars and KIRF's practice. It is imperative that the children practise their multiplication recall frequently and work towards increasing the speed at which they can recall facts. This will allow them to understand and master the concepts taught in class more easily.

Reading homework is to complete a journal activity. Additionally, children should choose a book from home, their class or the school library to take home. Reading is incredibly important so please encourage your child to frequently read at home independently or with someone. The expectation is that they read for at least 30 minutes three times per week.

Completed homework tasks and topic projects should be uploaded to Google Classroom or completed in orange homework books. Homework will be celebrated and shared in class through verbal praise, certificates, Dojo points and opportunities to show and tell.

Kind Regards,

The Year 5 team

Sabreena, Sally, Alfred, Nancy and Pilar