



Year 5 Newsletter Autumn 1

Welcome to Year 5

We hope you are excited and ready for the year ahead. To support our children in their transition from Year 4, we will spend establishment week going over expectations of behavior and Year 5 routines as well as focus on our school values 'Kind, Curious and Courageous'. After this, we will begin to cover units from our curriculum.

Mathematics

Place value (3 weeks)

- Roman numerals to 1,000
- Read and write numbers to 1,000,000
- Powers of 10
- 10/100/1,000/10,000/100,000 more or less
- Partition numbers to 1,000,000
- Number line to 1,000,000
- Compare and order numbers to 1,000,000
- Round within 1,000,000

Addition and subtraction (2 weeks)

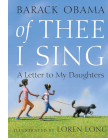
- Mental strategies
- Adding and subtracting whole numbers with more than four digits
- Round to check answers
- Inverse operations (adding and subtracting)
- Multi-step addition and subtraction problems
- Compare calculations
- Find missing numbers

Multiplication and division (1 week)

- Multiples
- Common multiples
- Factors
- Common factors
- Prime numbers

English

Of thee I sign by Barack Obama



Writing outcomes:

Magazine article to celebrate 'Black Heroes' and raise awareness about some of the issues around racial discrimination.

Science

Key question for this half term: **Which material would make the best container for food storage?**

Knowledge for the unit:

- compare and group together everyday materials on the basis of their properties, including their hardness, transparency, conductivity (electrical and thermal), and response to magnets
- give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic

Art



Artist: Ahmed Moustafa

Ahmed Moustafa is introduced as a local Islamic artist. This unit explores Arabic calligraphy and Islamic art influences.

History

What led to the Battle of Hastings?

Children learn about the struggle for power of England leading up to 1066.

This unit takes the chronological journey of British history to 1066. It explores the concept of power and conflict. This unit focuses on the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor.

PSHE

Being me in my world

Why are rights and responsibilities as a citizen of our country and as a member of our school important?

Establishment week – getting to know children, going through rules and behaviour and expectations. Learning about what it means to be a citizen of a country.

R.E

What inner forces affect how we think and behave?

Exploring stories from a range of religious traditions and how it teaches them to overcome temptation.

We will be focusing on:

- ask questions about the moral decisions I and other people make, and suggest what might happen as a result of different decisions
- explain the impact of an inspirational person's life on other people
- connect a person's actions to their faith

Computing

Systems and Searching

Children develop their understanding of computer systems and how information is transferred between systems and devices. Children consider small-scale systems as well as large-scale systems. They explain the input, output, and process aspects of a variety of different real-world systems.

Music

Can you play the Blues?

To know that Blues music is a genre which aims to share feelings and is created in a set pattern of chords.

French

French monster pets

Revising noun gender, using the correct article to go with nouns, making adjectives agree with the noun they describe and sentence constructions, placing the adjectives in the correct place.

P.E

Fitness

Swimming for Rowan class

Key dates

Every **Thursday** is swimming for **Rowan class**

PE (fitness) is every **Tuesday** for **all Year 5 classes**

How to support your child at home with their learning this half term...

Try some simple home experiments to explore materials that can change from solid to liquid e.g: melting ice, chocolate, mixing salt or sugar in water.

Your child should be reading everyday for at least 20 minutes. It's really important that you continue to read with your child, both listening to them and reading yourself. Encourage them to read a wide variety of fiction and non fiction texts of different genres from a range of authors and be sure to discuss and ask questions.