



Curriculum Newsletter – Year 5

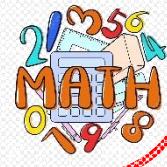
Spring 1

Dear Families,
Happy New Year. Here is an overview of the learning we will be covering. We hope you will be able to support your child's learning at home by reading with them and talking about the work they are doing in class.

Maths

The children will build upon their learning from last term, starting by consolidating our understanding of formal methods of multiplication building up to learning how to multiply a four-digit number by a two-digit number. We will progress on to learning formal methods for dividing a four-digit number by a single digit and apply our learning so far to solve worded multiplication and division problems. As the term progresses, we will build upon last term's units on fractions as we learn to multiply a fraction by a whole number and find fractions of whole numbers.

We will extend our decimal learning from year 4 by finding decimal and fraction equivalents involving tenths and hundredths.



English

Reading

Our class read for this term is 'October, October'. In Reading this term we will read a range of poems, fiction and non-fiction texts. We will be developing our comprehension by exploring how to retrieve information from a text. We will also focus on how we can make inferences using evidence we are given in the text.

We will continue to develop as fluent readers by using techniques such as text marking, choral reading and echo reading to develop our expression and pace.

Writing

This term we will continue to revisit and build our writing skills. Our writing purpose will begin with 'to entertain' where we will take inspiration from the book October October as we build our writing skills. Our second piece of writing will focus on the purpose of 'informing' readers as we build on our non-fiction writing skills including handwriting, punctuation and grammar.

Texts will be drafted, proofread and edited before being 'published' in our writing books.

Value of the term: Respect



Science

This term we will be learning about Earth and Space. We start the term by answering the question 'What's in space?' We will learn about the movement of the Earth and other planets in our solar system around the sun and the movement of the moon around the Earth.

We will learn how the Earth's rotation explains day and night and the apparent movement of the sun across the sky. To support our learning, we will be taking a trip to the National Space Centre to explore the wonders of space.

PSHE

Our Big Question this term is 'When things go terribly wrong, are there people who can help? We will begin by teaching the children how to keep safe online. They will learn how to recognise some ways you would know whether information online is trustworthy or not. As the term moves on, we will learn what domestic abuse is and think about how people might resolve arguments without using violence.?





Curriculum Newsletter – Year 5

Spring 1

**Value of the term:
Respect**

PE



Our PE this term is Yoga and Dance.

In Yoga, pupils learn poses that challenge their balance, flexibility and strength. We will learn how to use our breath to hold poses, move within poses and transition from pose to pose. We will also explore how to link poses to create a flow and develop leadership skills to create, refine and lead their own flow.

Coach Danny will lead our Dance lessons where children will learn different styles of dancing developing an awareness of cultural and historical origins of different dances.

Geography



In Geography the children will be learning about North and South America. They will be using sources of information to identify the continents, countries and capital cities.

Children will be exploring what the physical and human geographical features are that make up these areas and will identify features using grid references and compass directions.

Children will also learn about the climate of these two continents and how they can differ, even across the continent.

Art



This term, we will be going on our sculpture journey. We will begin our journey by looking at the work of Shaun Tan and Maurice Sandak to help inspire our own ideas about mythical 'wild things'. There are many opportunities in our environment to support this and this may be something you would like to support us with at home using your journeys around the city or whilst visiting other places or researching on the internet, books and TV. We will then begin to sketch out our own ideas to support us as we become sculptors ourselves and produce our own 3D pieces.

Computing

In this unit, pupils develop their knowledge of selection by revisiting how conditions can be used in programs and then learning how the If... Then... Else structure can be used to select different outcomes depending on whether a condition is true or false. They represent this understanding in algorithms and then by constructing programs using the Scratch programming environment. They use their knowledge of writing programs and using selection to control outcomes to design a quiz in response to a given task and implement it as a program.



RE

Do people put their beliefs into action? This is the question we will be asking ourselves this term whilst learning about Christianity. Using the case study of the 16th Street Baptist Church in Birmingham, Alabama and its connection to the Welsh artist, John Petts, pupils ask philosophical questions about how beliefs can inspire action - both positively and negatively.

