



Year 6 Autumn 2

CURRICULUM NEWSLETTER

MATHS

This half term in Maths, Year 6 will be focusing on **fractions** and **converting units**. The children will begin by revising equivalent fractions and simplifying, before comparing, ordering, and adding or subtracting fractions and mixed numbers. They will then move on to **multiplying and dividing fractions**, including finding fractions of amounts and solving multi-step problems that apply these skills in context. Later in the term, pupils will work with **metric and imperial units**, converting between them and calculating using measures such as kilometres, metres, and miles. These topics will strengthen fluency, reasoning, and problem-solving across real-life contexts.

SCIENCE

This term, children build on their understanding of circuits to construct and draw series circuits using circuit symbols, building circuits alongside their drawings to understand how the pictorial representation links to the physical example.

They are introduced to the terms "current" and "voltage" and will understand that current is the flow of electricity and voltage causes the current to flow.

ENGLISH

This term, Year Six will be delving into the secretive world of espionage through *Stormbreaker*, the thrilling first novel in Anthony Horowitz's Alex Rider series. This action-packed story offers rich opportunities for pupils to develop their comprehension skills as they explore the text together through shared reading.

Their first extended writing task will be to design and explain a spy gadget of their own invention, combining creativity with clear explanation. For their second, pupils will craft an original short spy adventure story, using dialogue to drive the action and build excitement.

Through these activities, pupils will hone their descriptive writing, sharpen their storytelling skills, and discover the excitement of the spy genre.



MFL - SPANISH

This half term we continue our topic of "school". Now that we are confident in giving our justified opinions on all of our subjects (something we very much like to do), we will focus on the grammar and practice adjectival agreement. We will then use our knowledge of days to describe a usual school day at CMS in Spanish. Finally we will look at the different ways children across Spanish speaking countries get to school- one child in Ecuador has to use a zipwire! We will finish our topic with our "big write", putting together everything we have learnt on this topic.



HISTORY

This half term, pupils will continue to explore the Industrial Revolution and Victorian Era, examining key events and changes. Using historical enquiry and census data, they will investigate the lives of Victorian children and women, compare past and present jobs, and analyse the women's suffrage movement, deepening their understanding of historical change.

GEOGRAPHY

Year 6 geography starts with a bang as we investigate the Earth's layers and what causes earthquakes and volcanoes. Pupils will study plate tectonics and how these have shaped the world we live in today. They will investigate volcanoes and earthquakes looking at case studies about their effects.



P.E

Next half term, Year 6 pupils will be developing their skills in football and basketball. In football, they will focus on improving their tactical awareness, teamwork, and accuracy when passing and shooting. In basketball, pupils will build on their dribbling, passing, and movement skills while learning to apply tactics effectively in game play.

We also have our Santa Dash taking place on Friday 12th December for all pupils.



RE

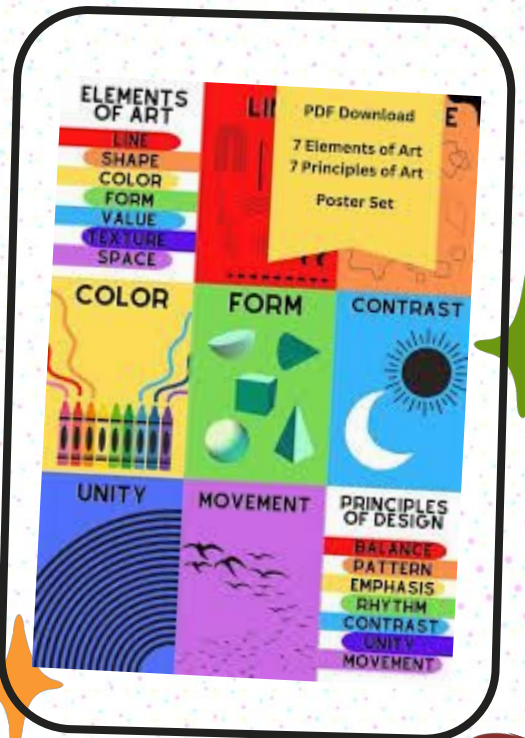
In Year 6, the children will be continuing to study Christianity. They will be looking at the question 'Why do Christians believe that Jesus was the Messiah?'

DESIGN AND TECHNOLOGY

During this term, year 6 will be working on their combined textiles and electronics project 'Face in a Case'. They will be learning how to construct a drawstring bag along with making a kit formed jitter toys. Learning how to sew by hand and using a sewing machine. They will be decorating the bag with heat transfer crayons.

ART

Students will learn about the Formal Elements of Art, exploring each element of art and design individually. They will learn the definition of each element and explore recreating through their own artworks using different materials.



PSHE & RSE

This term, year 6 will talk about differences and similarities and understand that for some people, being different is hard. The children talk about bullying and how people can have power over others in a group. The class will talk about people with disabilities and look at specific examples of disabled people who have amazing lives and achievements.

COMPUTING

Year 6 pupils will be starting to look at block coding concepts. This is the first of 2 units studying coding in year 6. This unit focuses on variables and how having a changeable piece of data being stored in a game can add functionality.



MUSIC

This year, each year 6 class will take turns each term to study the cornet as a whole class with a visiting brass specialist from Severn Arts. 6JB will be the lucky class during Autumn term. The rest of year 6 will be learning all about Instruments of the Orchestra, and will focus on both the percussion and brass sections this half term. We will develop our aural skills, recognising instruments and discussing their characteristics and personalities, as well as exploring rhythm, composing, triads and the harmonic series.



HOMEWORK

In Year 6, pupils will be set weekly homework. This will include:

- A piece of Maths homework
- A piece of English homework
- Spellings

We also expect pupils to read for a minimum of three times per week at home.

Other subjects will set additional homework to aid learning outside of the classroom when needed. This will be added onto epraise.

CAREERS

This year will be introducing a range of assemblies based around different career options and future paths to start talking about our aspirations.

EXTRA-CURRICULAR

This term we are very excited to be preparing for our Young Voices choir trip in January, as well as our December carol service.

Performing Arts clubs:
Choir - 8am Wednesdays
Drama Club - 3.20pm Wednesdays
Ukulele Club - 12.35pm Thursdays
Keyboard Club - 12.35pm Fridays