

Curriculum Newsletter

Year 5 / Summer 1



The Year 5 team all hope that you had a restful and enjoyable Easter break and welcome you back to another exciting and busy half term ahead. We have lots to look forward to in our learning with our new half term topic 'Space - the final frontier.'



Y5 received a Gold Award and a Murray Award for doing over 25 hours of youth social action.

Home Learning

In Year 5 pupils are expected to read their 'banded reading book' at least four times per week at home to an adult. This must be recorded in their reading diary in order for them to earn their 'Read for a Star' awards.

Pupils are also expected to complete the pages set each week in their CGP Maths and Grammar books. We ask that you mark the work with your child. This gives your child another opportunity to attempt the question again in order to learn from their mistakes. Please record this in their reading diaries, so they can earn their 'Marvellous Maths' awards.

Key vocabulary

Solar system	Collection of eight planets and their moons in orbit round the sun, together with smaller bodies in the form of asteroids, meteoroids, and comets.
asteroid	A small rocky body orbiting the sun.
geocentric	The Earth is the centre of the universe, and everything else moves around it in circles.
heliocentric	The sun is at the centre of the universe and the planets move in circles (orbits) around it.
evaporation	Process of turning from liquid into vapour.
substance	Real physical matter of which a person or thing consists and which has a tangible, solid presence.
solute	Minor component in a solution, dissolved in the solvent.

Upcoming Dates

1st May - Bank Holiday

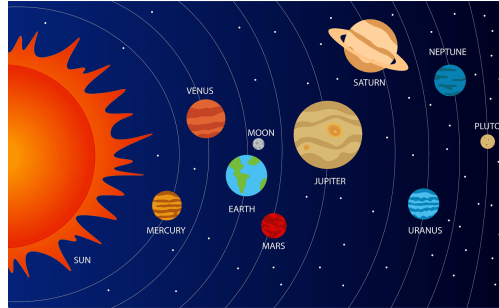
8th May - Bank Holiday (King's coronation)

25th May - Library Bus

26th May - Last day of term

Topic: Space - the final frontier

This curriculum newsletter provides an overview of your child's learning this half-term.



Science (Earth and Space)

As scientists we will:

- ★ Identify key facts about the planets in our solar system.
- ★ Investigate the movement of the Earth and other planets relative to the sun in the solar system.
- ★ Understand the movement of the Moon relative to the Earth.
- ★ Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.

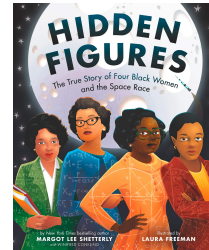
Computing

As computer scientists we will:

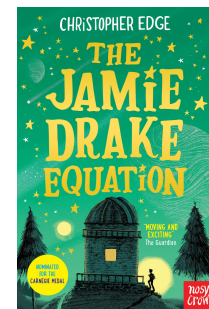
- ★ Explore conditions and selection using a programmable microcontroller

English

This half term in English, our core text is 'Hidden Figures' by Margot Lee Shetterly. It complements our topic work about Earth and space as the book is about the story of four female African American mathematicians at NASA and how they overcame gender and racial barriers to succeed in a highly challenging STEM-based career. We will focus upon: writing a biography about one of these inspiring females.



In our 'Reading Masters' sessions, we will start the new text 'The Jamie Drake Equation' by Christopher Edge to support our understanding of Earth and space. We will be developing our understanding of unfamiliar vocabulary and reading skills such as inference and scanning during our lessons. During spelling sessions, we will focus upon the word list for Year 5 and 6.



In grammar lessons we will focus upon: modal verbs, apostrophes for possession, inverted commas for speech, and continue to develop our use of commas.

PE

As athletes we will:

- ★ Continue with Real PE: Unit 5 - Creative.
- ★ Develop striking and fielding skills through cricket.

My Happy Mind

To understand our incredible minds we will:

- ★ Use 'My Happy Mind' to complete the 'Engage' unit.
- ★ Understand and explore our character strengths and how they can change and grow as we use them.

Art

As artists we will:

- ★ Make observational drawings using a viewfinder.
- ★ Layering work using mixed media collage.
- ★ Select colours and textures, working in response to the artist Dale Devereux-Barker.

RE

As theologians we will:

- ★ Explore the question: 'How do Hindu's make sense of the world?'

Maths	Music	Science (Properties of Materials)
<p>As mathematicians, this half term we will revisit children’s previous learning of fractions. We will explore how a whole is made up of parts and link this to the mathematical vocabulary of denominator and numerator.</p> <p>Children will revisit the use of fractions for quantities greater than one whole, initially as mixed numbers and then as improper fractions. They will learn how to partition and combine fractional amounts greater than one whole. Children will continue to develop their understanding that fractions are numbers as well as operators. They will solve addition and subtraction calculations involving fractional amounts greater than one whole.</p>	<p>As musicians we will:</p> <ul style="list-style-type: none"> ★ Explore motown focusing on the song ‘Dancing in the Street’ by Martha and the Vandellas. ★ Have weekly Digital Music lessons delivered by Sistema (one class per term). 	<p>As scientists we will:</p> <ul style="list-style-type: none"> ★ Describe a material's properties. ★ Explain the use of materials based on their properties. ★ Compare materials based on their properties.
<p>Children will move onto learning how to multiply fractions and learn why a whole number multiplied by a proper fraction results in a smaller number. They will use their understanding of unit fractions, non-unit fractions and wholes, and interchange between each of these.</p> <p>In mental maths sessions, we will continue to concentrate on the four operations. We will revisit previous learning topics and are actively encouraging children to learn their multiplication facts. Information about your child’s unique login details for Times Table Rockstars is available on the Y5 section of the website.</p>	<p style="text-align: center;">PSHE/RSHE</p> <p>To understand ourselves and others we will:</p> <ul style="list-style-type: none"> ★ Understand how taking part in regular physical activity has lots of benefits to physical and mental health, wellbeing and their learning. ★ Learn about the importance of good sleep. ★ Understand there are different contexts in which families can be stable and caring. ★ Identify healthy friendships, recognising the skills to manage and maintain healthy friendships. 	<p style="text-align: center;">Languages</p> <p>As language learners we will:</p> <ul style="list-style-type: none"> ★ continue to develop our understanding of Chinese through weekly Mandarin lessons. ★ build confidence in reading, writing and speaking and listening skills in Mandarin. ★ develop our vocabulary in Mandarin.