

Curriculum Newsletter

Year 5 / Summer 1



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



We had a very busy time with trips and exciting days in school!

Home Learning

In Year 5, pupils are expected to read their 'banded reading book' at least four times per week at home. As they get older, children can read independently (although it is nice to share a book with an adult/ sibling). Please acknowledge that your child had read by writing your initials next to their entries and this will ensure they achieve the '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

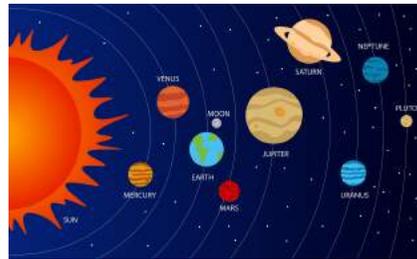
Solar system	Collection of eight planets and their moons in orbit around the sun, together with smaller bodies in the form of asteroids, meteoroids, and comets.
asteroid	A small rocky body orbiting the sun.
geocentric	The Earth is the centre of the universe, and everything else moves around it in circles.
heliocentric	The sun is at the centre of the universe and the planets move in circles (orbits) around it.
International Space Station	A large space station assembled and maintained in low Earth orbit by a collaboration of five space agencies.
karma	The relationship between action and consequence.
dharma	Duties in life and the right way of living (Hinduism)

Upcoming Dates

- Tuesday 16th April - Swimming starts for selected groups
- Monday 22nd April - Maths Investigation Day
- Friday 26th April - Year 5 Show and Share
- Monday 29th April - Class photos
- Monday 6th May - Bank holiday
- Friday 17th May - Languages Curriculum Day
- Tuesday 21st May - 3pm Eaton Vale meeting and workshare
- Friday 24th May - last day of half term

Topic: Space - the final frontier

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



Art and Design Technology

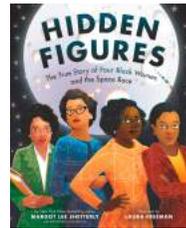
- As artists and designers we will:**
- ★ Exploring architecture and learning about living spaces. We will explore the question, 'Dream big or small?'
 - ★ Design and build our own structures.

Computing

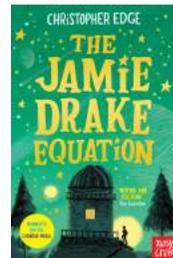
- As computer scientists we will:**
- ★ Explore conditions and selection using a programmable microcontroller.

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:**
- ★ Develop striking and fielding skills through cricket and rounders.
 - ★ Develop net and wall skills through tennis
 - ★ Develop running, throwing and jumping in athletics

Science

- 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.

RE

- As theologians we will:**
- ★ Explore the question: 'How do Hindu's make sense of the world?'

History and Geography

- As geographers we will:**
- ★ Study volcanoes and discover how they affect the lives of people on Heimaey.
 - ★ Explore and understand the different climates and biomes of the world.
 - ★ Question how climate change is affecting the world.

Maths	Languages	RHE
<p>As mathematicians, this half term we will be developing our understanding of area and perimeter. We will also consolidate our understanding of shape and consider properties focusing upon using accurate mathematical terminology.</p> <p>In arithmetic 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>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. 	<p>As young people we will:</p> <ul style="list-style-type: none"> ★ Learn about how the body changes during puberty. <p>This term 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.
	Music	
<p>As musicians we will:</p> <ul style="list-style-type: none"> ★ Be learning how to play chords on a guitar ★ Develop our singing skills 		