

Year 5 Autumn Term 1

Big Questions



What's the point of maps? (Geography)
Where on Earth are we? (Science)



Dear Parents and Carers,
 It is so lovely to have the children back to start a new school year. We have some exciting learning planned for our first half term - here is the Curriculum Map for our work leading up to the half term break.
 Best wishes,
 Mrs Morgan, Miss Wolloff and Mrs Kirk

As Readers and Writers we will be studying modern fiction in the form of the novel "Cosmic" by Frank Cottrell Boyce. We will work to expand our use of adventurous vocabulary to write a chapter of an adventure story and summarise our thoughts and impressions from our reading.

We will also be working on our non-fiction writing skills by creating a journal transmission from space. We will use the relevant features of this type of text and specific technical vocabulary.

As Geographers we will explore how maps are used to show human and physical features around our locality and around the world.

We will study how the Ordnance Survey have created a system of map symbols and study OS maps of our local area and around the UK. We will visit the local area and devise maps using symbols and a key.

Sticky Words for this half term are:

Geography -
 atlas scale
 key symbol
 political topographic
 grid reference contour
 GPS satellite navigation
 Ordnance Survey

Science -
 solar system stars
 moons planets
 individual planet names
 rotate / rotation
 orbit axis
 day night
 sphere hemisphere
 spherical season
 tilt

As Mathematicians we will be working to extend our place value understanding,

In computing we will revise how to keep ourselves safe online focusing initially on

As Designers we will explore how cam mechanisms work.

<p>initially within 100,000 then moving to work up to 1,000,000. We will also develop our accuracy with increasingly complex addition and subtraction calculations.</p> <p>We will be using the Power Maths scheme of work.</p>	<p>self-image and identity, then exploring how to maintain positive on-line relationships with others.</p> <p>We will also investigate the process of coding using the "2 code" program. This will include the simulation of a physical system and creation of a game with score and timer.</p>	<p>We will design and make a space-themed toy with moving parts.</p>
<p>As Scientists we will explore the solar system, learning about our sun, Earth, moon and other planets. We will learn about how day and night occur.</p> <p>We will carry out a variety of practical investigations, scientific enquiries and undertake research.</p>	<p>As musicians we will explore the genre of classical music, investigating the work of Gustav Holst. We will be linking our exploration of The Planet Suite to our work on the solar system in Science, listening and appraising the different suites and noticing how musical elements are used to depict the planets.</p> <p>We will improvise and compose music based on repeating ostinatos and motifs to create music for a new planet using some graphic scoring to record our work.</p> <p>We will incorporate boomwhacker play-alongs into our wellbeing sessions following graphic scores online.</p>	<p>In Religious Education we will be exploring why different people believe in the existence of a god.</p>

<p>In PSHE we will be investigating the idea of belonging and how this can relate to differing groups and communities.</p> <p>We will also continue the No Outsiders programme of work, considering how to be kind and inclusive to others.</p>	<p>In French we will be linking our learning to our Science work on the solar system. We will learn to recognise, say and spell the names of planets in French. We will also begin to develop sentences to describe facts about the different planets.</p>	<p>In PE we will be working to develop our gymnastics skills, experimenting with different actions and linking them to make sequences of movement. We will develop our flexibility, strength, control and balance.</p>
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