

Sedlescombe Church of England Primary School

Topic Overview Year 5 - Term 2

Stargazers



TRIPS AND EVENTS

- Countryfile Ramble
- Planetarium visit

RELIGIOUS EDUCATION

In RE we will be focusing on the question:

What does it mean to be a Muslim in Britain?

We will be learning about the different things that support Muslims on their journey of life, including prayer, giving to charity and pilgrimage.

RELATIONSHIPS, SEX AND HEALTH EDUCATION

This term, with our Jigsaw friend Jez, we will be looking at culture and bullying. We will be exploring our own culture as well as finding out about others'.

The children will be finding out about different types of bullying and what they can do about it.



P.E. LESSONS

- Our PE sessions will be on Wednesday and Thursdays Please ensure your child has a full PE kit.
- Jewellery MUST be removed, so if your child has pierced ears they will need a small pot to put their earrings in to keep them safe.
- Long hair should be tied back for school, but MUST be tied back for P.E. Lessons so a spare hair band is useful.

THE BIG IDEA

Journey through space, the final frontier. Navigate beyond the Sun: the magnificent, blazing star at the centre of our Solar System! Investigate the eight planets. Take a look at the Moon and then programme a 'rover' to traverse a lunar landscape. Work scientifically to investigate gravity, and what happens when there is none! Compare the time of day at different places on the Earth and use GPS satellite navigation systems to track hidden treasure! Get in a spin making simple models of the Solar System and listen to the haunting sounds of space-themed songs. Then it's 3, 2, 1, BLAST OFF! Build and launch a rocket for an important test mission. Exploring space is probably the greatest adventure that humankind has ever undertaken. Are we alone or are there other life forms out there?

In Science we will be finding out about: Space

- We will be learning how the orbiting of our planet causes day and night and the four seasons. The children will be creating stop and move clips to demonstrate their understanding.
- We will learn the order of the planets and the sizes of each one by comparing them to everyday objects.
- We will investigate gravity, crater formation, our moon and conduct experiments to explore insulation.
- Our key investigation this term is to explore the question 'How does the moon move'.

In DT we will be creating:

- A moon buggy suitable for the terrain on the moon.
- Our main focus will be to plan and create a vehicle alarm with a clear purpose for our moon buggy.

In Music we will be listening to Jazz

- This term we will start by looking at some space-inspired music.
- Later in the term we will focus on learning and performing a range of Christmas Carol's.

In PE we will be:

- Learning to play cricket with a cricket coach
- Learning skills to improve our gymnastic ability

In Humanities we will be finding out about:

- How important historical people like Galileo and Newton have influenced what we know today.
- Children will also find out about the Space Race and the events which led up to the lunar landing.

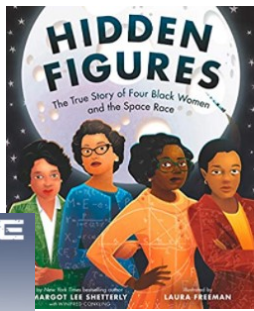
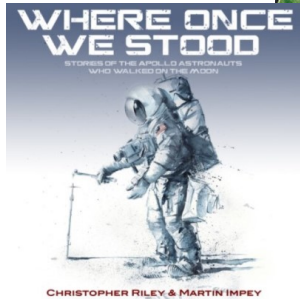
In Computing we will be finding out about:

- Coding– we will be following and creating algorithms.
- In online safety, we will be learning about the idea of having a 'digital footprint' and what this can mean.

In Art we will be:

- Studying the work of Van Gogh's 'Starry Night'.
- Creating our own piece after experimenting with the style of Van Gogh.

ENGLISH



This term in English we will be looking at a variety of texts connected with our topic. Our main books will be 'Where Once We Stood', which captures the first-hand accounts of an extraordinary chapter in our history, when twelve human beings set foot upon the Moon. Hidden Figures focuses on the untold stories of the women involved in the 'Space Race'. We will use these books to write bibliographies after and diary entries. We will be focusing on paragraphs, formal writing, parenthesis and indicating degrees of possibility using adverbs and modal verbs.

Other texts we will be looking at include a selection of poems from 'Cosmic Disco' by Grace Nichols and chronological reports from 'The skies above my eyes'.

This term our reading for pleasure book is 'Cosmic' by Frank Cottrell Boyce. Liam makes a giant leap for boy-kind by competing with a group of adults for the chance to go into space!

MATHS

At the start of the term we will be revisiting place value to ensure they are all secure across this important topic. We will move on to negative numbers, Roman Numerals, comparing and ordering numbers and measurements. Focusing on tenths and hundredths we will end the term looking at fractions.

CALCULATION METHODS

ADDITION	SUBTRACTION	MULTIPLICATION	DIVISION
Column addition of whole numbers and decimal numbers	Column subtraction method using exchanging	Short multiplication method using carrying	Short division method

CLASS ROUTINES:

HOMEWORK:

I was blown away with the commitment to home learning last term, thank you for your support. The children were acing their spelling tests and the majority of the children were reading up to seven times a week! Please use the optional home learning grid for ideas to support their learning at school, I look forward to seeing your creative efforts!

Please continue to:

- Read at least four times a week
- Complete 30 minutes of Times Table Rock Stars a week
- Practice the ten spellings in preparation for the Friday spelling test

COMMUNICATION:

- Please encourage your children to speak to me if they should have any concerns. I will be available at the end of school if you wish to speak to me directly, or you can ask the office to make an appointment to speak with me if there is something you need to discuss in more detail.
- I will endeavour to respond to emails as quickly as I can, please email me directly or forward them to the school office.