

Sedlescombe Church of England Primary School

Topic Overview Year 5 - Term 2

Stargazers



TRIPS AND EVENTS

- Planetarium visit 22-11-21
- PTA Chocolate Donation Day 08-11-21
- PTA Bottle Donation Day 29-11-21
- Christmas Fair 12:00 pm 04-11-21
- KS2 Carol Service 4:00 pm 14-12-21
- Christmas Lunch & Jumpers 16-12-21

RELIGIOUS EDUCATION

In RE we will be focusing on the question:

Why is light an important sign at Christmas?

We will be learning about the different ways in which light is used as a sign at Christmas. We will discuss the significance of Jesus as the 'Light of the World'.

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 are on a Monday and a Tuesday. 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 get to grips with 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.
- **Key Investigation this term is to explore the question 'How does the moon move?'.**

In D&T 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 and discussing the differences.
- Later in the term we will focus on learning and performing a range of Christmas Carols.

In PE we will be playing:

- Volley Ball
- Gymnastics

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.

ENGLISH



This term in English we will be looking at a variety of texts connected with our topic. Our main book 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. We will use this book to write bibliographies and diary entries.

Other texts we will be looking at include a selection of poems from 'Cosmic Disco' by Grace Nichols. We will also be focusing on Hidden Figures to show an awareness of individuals involved in the Space Race and how their stories were not told.

The Jamie Drake Equation, is a fictional story and it follows a young boy who's dad is an astronaut. His dad's mission goes terribly wrong - space is a dangerous place can Jamie prove that he's a hero too?

MATHS

At the start of the term we will be focusing on negative and positive numbers, counting, comparing and calculating. We then will move onto mathematical relationships, which are either additive or multiplicative. We will look at part-whole relationships to solve these problems.

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 meeting and some exceeding the required amount of time on TT Rock Stars! The new optional home learning grid will give 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.
- Have a look at the Optional Homework Grid to see if there are any activities that take your fancy.

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 catch me on the school gate every Wednesday morning.
- I will endeavour to respond to emails as quickly as I can, please email me directly or forward them to the school office.