

Sedlescombe Church of England Primary School

Topic Overview Year 5 - Term 2

Stargazers



TRIPS AND EVENTS

- Forest School
- Planetarium visit
- Coding workshop
- Good Work Worship
- Key Stage 2 Carol Service

RELIGIOUS EDUCATION

In RE we will be focusing on the question:

Why is light an important sign at Christmas?

This work will be taught in a block later on in the term to coincide with Christmas activities in school.

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

- The children need to have their PE kit in school every day, but it should be taken home every couple of weeks so that it can be kept clean for lessons.
- 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

- The children will be learning all about the Solar System; the sun, moon and each of the eight planets within. They will be finding out about the environments on these planets, as well as looking at how and why spinning and orbiting effects them.
- Later in term we will be learning about gravity and designing, carrying out and reporting on some experiments linked with this.

In DT we will be finding out about: Rocket design!

- The children will look at rocket designs and will be given a specific brief from which to design their own.
- They will then create, test and evaluate their own.

In Music we will be finding out about:

- 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 songs for the school Christmas Carol Concert

In PE we will be learning about:

- The children are lucky enough to be continuing with their Mindful Movement sessions on a Tuesday. Their instructor commented to me last week that she was incredibly impressed with the progress they have made so far.
- We will also be finishing off our dance unit by creating some routines inspired by the planets!

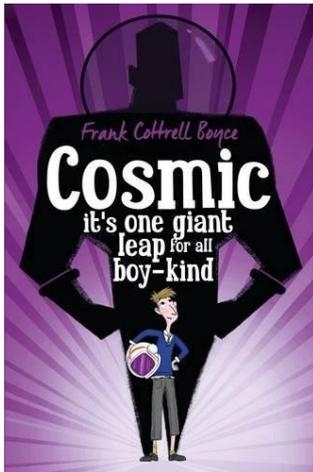
In Humanities we will be finding out about:

- 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 to programme 'rovers'
- 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. The children will be reading Frank Cottrell Boyce's 'Cosmic'.

This humorous adventure is seen through the eyes of twelve year old Liam Digby a 'gifted and talented' child whose physical appearance ages him beyond his years. Follow Liam and his friend, Florida Kirby on this humorous, action packed adventure exploring the ups and downs of being a parent and the consequences of a 'little white lie'.

Other texts we will be looking at include a selection of poems from 'Cosmic Disco' by Grace Nichols. Children looking to read something at home which links well with our topic could look at 'Alone on the Wide, Wide Sea' by Michael Morpurgo; or 'Northern Lights' by Philip Pullman.

These texts will support us in our writing genres this term, which are: Narrative myths and Newspaper reports.

MATHS

- We will start the term by learning about graphs and tables; exploring how to interpret these, as well as creating some of our own.
- We will then move on to Multiplication and Division for several weeks— mental methods, written methods, inverse and problem solving.

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:

Children's home learning will be handed out on a Thursday afternoon and it should be handed back in on the following Wednesday. Home learning is alternated weekly:

- Week 2: Reading CGP Book & Spellings
- Week 3: Maths CGP Book & Times tables

I have found the greatest support that parents/carers can do at home is: Reading collaboratively (15 minutes minimum per day), times tables practise and individual spelling booklet practise.

Children will also have the chance to play home learning monopoly if they hand their home learning in on time and read 4 times a week (signed by an adult in their reading record).

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.
- In the morning Mrs Harvey or another member of the Senior Leadership Team is available on the school gate if you have a message that you would like to have passed on to me.
- If there is a matter that you need to discuss with me in more detail please make an appointment to discuss this with me. This can be done by speaking to me at the end of the day to make an appointment or by speaking to Mrs. Hardees in the School Office.