



## **Monkton CEP School**

**Class 4**

**Newsletter**

**Term 1 - Stargazers**

### **Journey through space - the final frontier!**

Welcome to Class 4! This term we will take a trip to the stars, planets and suns and discover the amazing wonders of the night sky. We'll make a Solar System and investigate the cycle of day into night. Taking on the roles of the planets, we'll use movement to demonstrate the motions of the planets and moons. Then we'll make a space shuttle or satellite, testing the materials for durability, and we'll program toys to explore a lunar landscape. At the end of the project, we'll look at alien-themed comics, invent our own aliens and consider the big question: Why is there life on Earth? Finally, we'll invite you to our 'Visitors' centre' and share our knowledge with you.

#### **Maths**

In this first term we will be focusing on developing our understanding of place value, moving onto methods for addition and subtraction and then multiplication and division by the end of the term.

We will also be focusing on our times tables, ensuring we are fluent in all tables up to 12 and can recall them (and the inverse) at speed.

#### **English**

In English, we will begin the term exploring the alien planet of Pandora, creating aliens and writing non-chronological reports on them. Our core text is *Cosmic* by Frank Cottrell-Boyce and by the end of the term we will write a sci-fi narrative based on a journey into space.

#### **ICT**

In Computing we will be learning how to stay safe online. We will also be exploring programming by sequencing a series of instructions for programmable toys in order to complete lunar missions.

#### **Science**

Our topic in science is Earth and Space. We will cover a range of topics including: day and night; the lunar cycle; the planets and why they have craters; as well as how we know the Earth is round.

#### **RE**

In Term 1 we will be learning about Muslims. We will be investigating what it means to be a Muslim in Britain today.

#### **PE**

The children will work with Team Theme on a Wednesday afternoon, playing rugby.

### Foundation subjects

**History-** The life and works of Galileo

**Geography-** Using ISS images to learn about the physical geography of Earth.

**Art-** Artist study of Peter Thorpe to create rocket art.

**Design Technology-** Moon phase wall hangings

**French -** The weather

**Music -** Ukulele

**PSHE-** TEAM (Together Everyone Achieves More)

### Vocabulary

Below are some words that the children will come across during their learning that they might be unfamiliar with that you might like to help them understand:

**axis**

**comet**

**crater**

**free fall**

**meteoroid**

**Jovian planet**

**observatory**

**orbit**

**orrery**

**satellite**

**terrestrial planet zero gravity**

### Websites

<https://trockstars.com/>- Times Table Rock Stars

bbc.co.uk education (BBC Bitesize)

theschoolrun.com

nrich.maths.org.com

urbrainy

[www.topmarks.co.uk](http://www.topmarks.co.uk)

[www.mad4maths.com](http://www.mad4maths.com)

### Special days/ Come join us

- Dates for diaries: PE is on a Wednesday PM; Homework - new spellings and times tables will be handed out each Monday, then tested on the following week on a Monday.
- Wednesday 9<sup>th</sup> October - Parent consultations.
- Fri 13<sup>th</sup> September- Roald Dahl Day- Children are welcome to come in dressed as their favourite Roald Dahl character or in his favourite colour- yellow.
- Tue 17<sup>th</sup> September- Planetarium visit.
- Wed 25<sup>th</sup> September- Individual and Family Group Photos.
- Friday 4<sup>th</sup> October- Inspired through Sport- visiting Paralympian/ Olympian.
- Mon 14<sup>th</sup> October- Black History Week.
- Tue 15<sup>th</sup> October- Parents/carers welcome to join us in class 2:30pm to enjoy our Visitors Centre based on our topic of Stargazers.
- Fri 18<sup>th</sup> October- end of term.