



# Year 5 - Spring 1 Curriculum Newsletter

## Parkfield Primary School

### Helpful information for this half term

- Please ensure your child reads each day for at least 20 minutes.
- Check that they know all of their times tables by heart and related division facts.
- **Homework** will be on the Google Classroom each **Wednesday** and needs to be returned by the following **Monday**.
- It would be helpful if children can bring their own water bottle for drinking water every day and a coat on cold or rainy days.

### Our Online Provisions

In Year 5 this year, all homework will be online via our Google Classroom and supporting online platforms:

- Ed Shed
- My Maths
- Accelerated Reader
- Times Table Rockstars
- Purple Mash

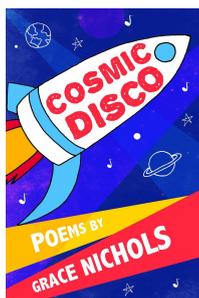
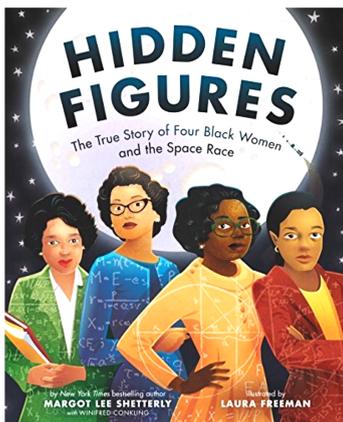
### Essential Information

- **PE** will be every **Wednesday** and **Friday**.
- **For P.E.** Children should wear their PE kit including suitable footwear.
- **Homework** will be on the Google Classroom each **Wednesday** and needs to be returned by the following **Monday**.
- Year 5 have **Library time on a Monday every fortnight**. Please ensure the red book bag is at school before then. The blue book bag should be in school every day.

### Our topic this half-term:

# The Space Race

Our texts will be:



### **English**

We will be reading poetry as well as the biographies of people who made successful contributions to space travel. We will look at similes, metaphors and personification to help write our own poem about the solar system, and also an autobiography.

### **Maths**

We will be learning how to add and subtract fractions with different denominators and also how to subtract a set of mixed numbers. We will then progress on to multiplying 4 digit by 2 digit numbers using the column method.

### **Science**

We will look at the movement of the different planets in relation to the Sun and their moons and also how rotations affect day and night on Earth. We will describe the phases of the moon and how seasons occur based on the Earth's tilt.

### **History**

We will explore the key events of the space race and the impact this had on various countries, including Russia, the USA and the UK.

### **Geography**

We will look at the significance of different parts of our planet - Earth including continents, hemispheres and lines of longitude and latitude. We will also compare the physical characteristics of Earth with that of another planet.

### **Computing**

We will use physical computing to explore the concept of selection in programming and write algorithms alongside it.

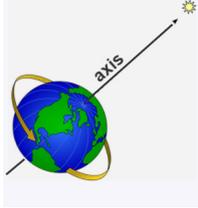
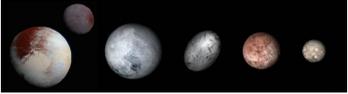
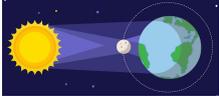
### **Art**

We will be creating our own artwork in the same style as Peter Thorpe.

### **PSHE**

We will learn about the nature and consequences of discrimination and discuss how to observe and respect other people's point of view.

# Key Vocabulary

Word	Definition	Picture
Asteroid	A chunk of rock and metal in space that is in orbit around the Sun.	
Axis	An imaginary line, through the centre, of which an object turns around.	
Discrimination	Treating someone unfairly or differently because of their identity.	
Dwarf planet	A type of space object that is smaller than a regular planet.	
Eclipse	When one object in space blocks the view of another object.	
Equator	An imaginary line <u>around</u> the Earth that divides it in half (North Pole and South Pole).	
Microcontroller	A small device that controls things connected to it.	
Orbit	The path of one planet around another.	
Satellite	A device sent up into space to travel around the Earth.	
Solar system	The eight planets and their moons in orbit around the Sun.	