



# Year 5 Autumn term 2



## A note from the year 5 team- Miss Ali, Mrs Poole, Mrs Cutler, Mrs Beighton.

Welcome back! We all hope you have had a restful half term. We have lots planned and are very excited to be starting the term with our topic '**Stargazers**' which links to space.

## Reminders

- Listen to your child read daily and sign their diary.
- Bring signed reading diaries into school daily.
- Label all your children's belongings – children to bring a drink of water – no fizzy pop, energy drinks or milkshakes please.
- Please stand back from the gate when collecting and be patient. We want to see each person collecting clearly to ensure we dismiss safely.



Children can bring a healthy snack into school for breaktime. **NO NUTS OR PRODUCTS CONTAINING NUTS.** Fresh fruit is not provided in KS2.

## Key Dates



**PE** – Our PE day will be on a **Thursday**

Please arrive in PE kit; earrings removed for safety.

Our PE uniform is:

- ◆ Black tracksuit bottoms/shorts
- ◆ White t-shirt (plain)
- ◆ School jumper or plain black hoodie.
- ◆ Trainers

**5CP final swimming session is Wednesday 12th November 2025, 5A first swimming session is Wednesday 19th November 2025**

**End of term performance – Monday 15th December 2.15pm start**

**End of term Friday 19th December 2025.**

## Websites

Please ensure you have access to the below websites - individual login details can be found in the front of the reading diary.

**Try to spend 20 minutes daily on either of these.**



### English

During guided reading lessons, we will continue reading *Cosmic* by Frank Cottrell Boyce. This is about a boy named Liam, who enters competition to attend the world's largest theme park. Little does he know he will actually be going to space...

Our writing lessons will involve the children choosing from a famous astronaut create a biography. Children will be developing the key skills such as note taking when they are researching their chosen astronaut as well as using relative clauses to add additional information in about their chosen astronaut. They will be choosing between the infamous Neil Armstrong, Britain's Tim Peakes or the trailblazer Mae Jemison. Please ask your child/ren about which astronaut they have chosen to write about and see what they have learnt. As part of our spelling programme we will focusing will be on words ending in - 'cial & tial'

### Humanities

As part of our Stargazers topic we will explore the significance of **Galileo** in the history of astronomy and look at the story of **Isaac Newton** and discovering gravity. By doing this, children will have an understanding that aspects of history are significant because they had an impact on a vast number of people and work that still continues today.

### P.S.H.E. – Celebrating Difference

Through our **Celebrating Difference** unit, Year 5 will look at celebrating their own cultures and have an understanding of how differences can sometimes cause conflicts within cultures. This unit also explores the different types of bullying people face and also the different ways children can manage their feelings in bullying situations and knowing who to contact for support.

### RE

In R.E we will be looking at the key events of the Christmas story in relation to Christianity.

### Science

Our topic this half term will be a science focussed topic entitled 'Stargazers'. Children will look at astronomy and the importance of Galileo, will learn about physics and Sir Isaac Newton and will look in detail at the 'Space Race' and the key events of space exploration



### Maths

This half term we will begin by looking at negative and positive numbers. We will then move onto looking at multiplication involving partitioning and multiply a 2-digit number by a 1-digit number using short multiplication. Year 5 will also complete an arithmetic maths paper once a week as well as using Sum Dog to complete tasks set on previous work learnt in lessons.

Times tables will continue via TT Rockstars.

### Physical Education -OAA

Our focus this half term will be orienteering. Children will be developing their map reading skills. Orienteering is a great opportunity to develop lots of our Heathlands' Values such as cooperation and resilience.

We will be outside for these lessons so please ensure as the weather gets colder your children has a coat in school.

### Music (CHARANGA)

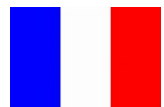
This half term we will be using the music scheme 'Charanga' to complete the Year 6 topic of **Developing Sing and Play in Different Styles**. They will also sing and play in different styles with different grooves, which is part of being in a band or an ensemble. We learn about music from all around the world, too.

### Computing (KAPOW)

This half term we will be the unit of **Mars Rover**. Year 5 will recognise how the size of RAM affects the processing of data. Learn the vocabulary associated with data: data and transmit and recognise that computers transfer data in binary and understanding simple binary addition.

### MFL (KAPOW)

We will be developing our French greetings by continuing with speaking and listening sessions weekly.



### Design & Technology (KAPOW)

In DT this half term, we will block a week in December where we look at bridges. This is part of the overall DT strand 'structures'. Children will start by looking at how to make a sturdy structure, they will use a range of resources to plan and produce their own bridge with the ultimate aim of being able to support a heavy load.