

English

This half-term, we will be reading poems from the book 'The Lost Words' by Robert Macfarlane; using these poems to help inspire us to write our own poems in a similar style. We will continue to focus on non-fiction writing outcomes, and will also be writing a biography about Nelson Mandela, using the book 'The Long Walk Home' to support the children with their writing.

In Guided Reading, we will be using the books from our writing lessons to help continue to develop the children's retrieval, inference and summarising skills. Our class story at the end of the day for the Spring term will be 'The Boy at the Back of the Class' by Onjali Q Rauf.

We also will continue to reinforce spelling strategies; learn how to apply different prefixes and suffixes lessons and encourage continued development of neat legible, joined up handwriting.

Parent Information

In Year 5, our PE days will be Wednesday and Thursday. The children will need to come in wearing the appropriate PE kit on these days **with piercings removed and long hair tied back**.

Every week spellings will be sent home on a Friday. These will need to be practised at home and learnt ready for a spelling test the following week.

Children will also need to log into Times Table Rockstars every week and learn their set times tables which they will be tested on at least once a week.

To secure progress, please ensure children are reading independently and also to an adult at least five times a week and ensure this is recorded in their homework planner.

Music

We are going to be exploring Frozen Lands. The children will be focusing on pitch and structure. They will be creating their own composition based on the D minor scale to illustrate a frozen land. The children will use a range of percussion instruments.

Year 5 Spring Term 1

Why do oceans matter?

Science

This half term we will be moving on to the topic of making new substances. The children will learn about the different ways new substances can be made. They will understand the difference between reversible and irreversible changes. This builds upon their learning and knowledge from Year 4.

We will then go on to investigate forces that oppose motion; where we will develop our investigative skills and understanding of how to collect data with greater accuracy.

RE

Our theme will be Humanism. The children will be discussing what it means to have 'a good life'. By the end of the unit, the children will be able to explain if Humanists have a good life and why they believe this.

Computing

The children will be developing their programming skills using the programme Scratch. They will be learning how to incorporate the programming skill of selection into their own algorithms.

Maths

In maths, we will be re-capping how to tell the time and apply this to interpreting timetables. We are also going to learn the written method for short multiplication. The children will use concrete and pictorial concepts to support their understanding.

We will then move onto the topic of fractions. The children will be comparing fractions and percentages and learning the link between them. After this, we will look at geometry and using a protractor accurately to measure angles.

We will also continue to develop our fluency in mental addition and subtraction methods, as well as written methods within the context of multi-step worded problems.

Geography

Our topic for this term will be 'Why do oceans matter?' Within this topic, children will know how to describe the water cycle; investigate the importance of the great barrier reef and how this supports a marine ecosystem; collect data during geographical fieldwork, before presenting this data and suggest how improvements can be made to a marine environment.

PSHE

We will be looking at keeping healthy, focusing on the topic of smoking. We will then move onto computer safety and the importance of keeping personal information safe.

PE

Within our PE lessons, the children will be learning how to play hockey. They will focus on co-ordination between the hockey stick and the ball. During their second PE session each week the focus is on dance; where we will learn dances from various cultures.

DT

The children are going to learn how to create a working electrical system and apply this knowledge to create a 'doodler.'