

Our theme for Spring 1 is:

Wonders of the Universe

Our main focuses are:

- To disprove Flat Earth Theory.
- To discover how the Earth, Sun and Moon relate to each other and to the rest of the Solar System.
- To investigate why we have seasons and night and day.

Our theme will last for:
6 weeks



French

In French, we will be learning how to say the date as well as ask what the date is. Also, we will be saying when our birthday is in French by saying numbers and months of the year.

Computing

In our Computing sessions this half-term, we will be continuing our work on online safety. We will do this by looking at online bullying, what it is and how we can report and prevent it. We will also look at how we can fall out with our friends online and what we can do to resolve arguments and disputes.

Art and Design Technology

We will be exploring how to use light and darkness to create space images through shadows. We will think about what shadows are, how they are made and the creative ways that we can create space and shadows as a final piece.



P.E.

This half-term our P.E. sessions will focus on the skills of gymnastics. We will focus on balance, control and movement. We will link our gymnastics to our space topic and create a final space-themed routine! Please ensure that your child has a full P.E. kit in school every Thursday.



English:

This half-term, we will be reading 'Counting on Katherine' by Helaine Becker and will be creating pieces of writing based on this non-fiction text.



Throughout this unit, pupils will be writing a biography about one of the women featured in the book, as well as writing and performing a speech focused on encouraging more women to pursue careers in STEM.

In writing, we will be developing our use of relative clauses, pronouns, and parenthesis to enhance our biographies and speeches, ensuring they are engaging, clear, and informative.

In reading lessons, pupils will continue to build and refine their reading skills over the half-term. We will explore a range of non-fiction texts to support our understanding and to model features that can be applied to their own writing. Children will also practise summarising texts and exploring the deeper meanings within them.



Personal, Social and Health Education (P.S.H.E)

What affects my mental wellbeing? We will be thinking about what positively and negatively affects our physical, mental and emotional health. We will also continue with our 'No Outsiders in our School' scheme by reading the book 'Mixed' and discussing the consequences of racist behaviour.

Behaviour and Safety

We will be looking at cyber-bullying and what impact posting online has to others. This half-term's British Values focus is Tolerance of Others.

Key Questions for Discussion

We will be discussing some of the questions below and creating our own questions surrounding space related visuals.
What would happen if the Sun disappeared?
How would you feel going to a brand new place that you didn't know?
What are the things we could never see in the night-time or day-time sky?



Music

In Music, we will be looking at the song 'Make you feel my love' which is sung by Adele. Children will learn how to listen to, sing, play, improvise to, compose to and perform the song on the recorder!

Shared home learning:

Please encourage your child to read for 20 minutes, as a minimum everyday. This should be logged in their reading journal on a daily basis with an adult signature. Our vocabulary and spellings that we will be practising and looking at over the half term will be shared via Seesaw and these can be discussed, practised and looked at whilst at home. It is always great to ask your child the definitions of words and see if they can put them into a sentence! An optional Maths. and English homework, linked to our learning in class, will be set via Seesaw on a weekly basis. The answers for this will accompany the work and raffle tickets and rewards may be given for these by the teachers.

Key Dates:

5th January- Staff Training Day
6th January - Wondernoon
29th January - Space Centre Dome Workshop
(please sign-up/pay via Arbor)

W.B 9th February - Children's Mental Health Week
10th February- Safer Internet Day
16th-22nd February Half-term break

Mathematics:

This half term will be learning all about fractions, decimals and percentages! Throughout the half-term, we will be exploring the many aspects of this area. This will include:

- Finding equivalences between fractions, as well as between fractions, decimals and percentages
- Compare and order fractions
- Recognise the per cent symbol and understand what a percentage represents
- Add and subtract fractions with the same denominator or those with denominators that are multiples of the same number
- Multiply fractions and mixed numbers by whole numbers
- Solve problems involving all of the above.

Times tables knowledge will be vitally important, as will the associated division facts. You could support your child at home by practising these skills regularly. You could play games like matching pairs or 'Hit the Button which can be found online.



Science

This half-term, we will be discovering the science behind the 'Wonders of the Universe'. We will describe how the Earth and other planets move around the sun using the key vocabulary of the heliocentric movement. The children in Year 5 will be investigating how the moon moves around the Earth and the impact this has on us. We will be delving into the solar system to learn the order of the planets and their comparative sizes and distances. Finally, we will be exploring how we know that the Sun, Earth and Moon are spherical.

Geography

We will be investigating the hemispheres of our own planet and what impact they have. Pupils will also refine their understanding of the equator and the tropics, as well as how we locate places around the world using longitude and latitude. We will link our Geography and Science skills by exploring why places around the world experience day and night at different times, as well as how we get seasons.



R.E.

In R.E. this half-term we will be learning about how people celebrate marriage in a range of religious worldviews including Hinduism, Judaism and Christianity.