

Year 5 Curriculum Letter - Spring Half Term 1 - 2025

Our theme for Spring 1 is:

Wonders of the Universe

Our main focuses are:

- To explore many of the great mysteries of the Universe.
- 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 be 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.



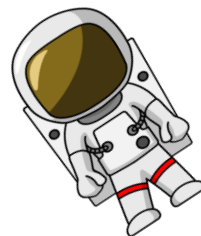
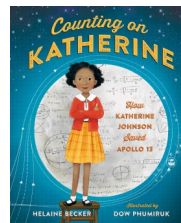
English:

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 the unit, we will be looking at different types of non-fiction writing, such as writing a biography about Katherine Johnson and designing and creating a magazine article all about NASA.

We will also be writing our own persuasive speech that encourages women to pursue careers in Science and Mathematics!

In our reading lessons, we will be building on our reading skills throughout the half-term, as we look at examples of non-fiction texts to help us with our own understanding.



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 the impact of posting online can have on others. Furthermore, this half term's British Values focus will be 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 you do 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 sky?



Music

In Music, we will be looking at how we create chords, as well as: listening to music, singing and playing the recorder. We will also be discussing the question: How does music improve our world?

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:

6th January- Staff Training Day
10th January - Wondernoon
W/B 6th Jan-- Maths.- Crystal Maze Week
13th January - History Day
20th January- World religion Day

29th January - French Day
W.B 3rd February - Children's Mental Health Week
6th February- LGBT+ History Day
7th February- Star Dome visit (TBC)

11th February- Fire safety assembly
W.B 17th February - HALF TERM (1 week)

Mathematics:

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

- Finding equivalences between fractions, as well as between fractions, decimals and percentages
- Compare and order fractions
- Recognise the percent 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 be uncovering the mysteries of day and night and getting to grips with why we have seasons. The children in Year 5 will be investigating if the moon actually changes shape during the month and if the sun really does move across the sky. 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.



R.E.

In R.E. this half term, we will continue to learn about Christianity. We will be discussing whether all Christians believe in the same thing and the different beliefs that there are in Christianity.