

Year 6 Overview – Autumn 1 2024

This half term we will be learning:

In science, we will learn about the movement of planets in relation to the sun, and the movement of the moon in relation to Earth. We will also learn about the Earth's rotation as the cause of day and night.

In geography, we will be looking at the countries which participated in the race to space. Once we have established which countries they are, we will be looking at their country profiles.

In history, we will be looking at the 'Space Race' which started after the Cold War turned the United States and Soviet Union into enemies.

In art, we will be studying the work of Kandinsky before creating our own space inspired artwork.

In R.E., we will be studying the question 'Am I always right?' through a human/social science lens.

In music, we will be listening to and learning about the key features and mood of Blues music. We will learn about 12-bar blues and blues scale to create an improvised piece of music.

In P.E, we will be focusing on the skills related to moving and travelling. We will be focusing on fitness lessons and OAA (Outdoor and Adventurous Activities) which has a focus on teamwork.

In computing, we will start by recapping basic computer skills such as safe internet usage. We will then move onto our software unit and learn how to use Microsoft Publisher.

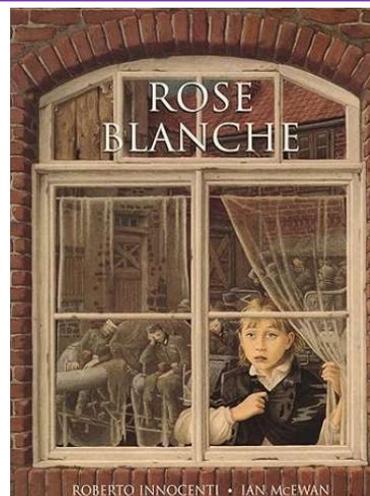
In French, we will use adjectives to describe people's physical appearance and personality and create simple sentences ensuring that the adjectives agree

Our core stories are:

Kai and the Monkey King by Joe Todd Stanton

Rose Blanche by Ian McEwan & Roberto Innocenti

Please do not read this at home with your child until the end of the half term so your child can enjoy hearing the story unfold in class.



At home you could:

- Make a hanging mobile display of the planets in our solar system.
- Research facts around the space race, using reliable internet searches and information.
- Read a book with a space theme and leave a review on the UKS2 book review Padlet.
- Create a Kandinsky inspired piece of art.

Please talk to your child's class teacher if you have any questions.

Key English learning this half term:

- Knowledge of sentence structure and use of capital letters and full stops.
- Use of subordinating and co-ordinating conjunctions.
- Difference between informal and formal speech vocabulary.
- Understanding of how words are related by meaning as synonyms and antonyms.
- Understanding and use of passive voice.
- Use of adverbials to create cohesion within and across paragraphs.
- Use of semi-colons within detailed lists and to mark the boundary between independent clauses.
- Use of dashes and commas for parenthesis.

Key Maths learning this half term:

- Recognise, compare, read and write numbers up to 10,000,000
- Round any integers.
- Add and subtract integers.
- Find and understand common factors and common multiples.
- Understand and find prime numbers, and square and cube numbers
- Multiply up to a 4-digit number by a 2-digit number.
- Use knowledge of multiplication to solve problems.
- Conduct short division and division using factors.
- Using long division, including with remainders.
- Solve problems based on division.
- Processes and methods in solving multi-step problems.
- Order of operations.

Key Knowledge

We would like you to discuss this key vocabulary with your child so that they have a greater understanding of their learning.

Solar System	the Solar System is the gravitationally bound system of the Sun and the objects that orbit
Planets	a planet is a large astronomical body that is neither a star nor a stellar remnant.
Earth	the planet on which we live; the world.
Spherical	shaped like a sphere.
Rotation	the action of rotating about an axis or centre.
Sun	the star around which the earth orbits.
Star	a fixed luminous point in the night sky, which is a large, remote incandescent body like the sun.
Celestial	positioned in or relating to the sky, or outer space as observed in astronomy.
Orbit	the curved path of a celestial object or spacecraft round a star, planet, or moon, especially a periodic elliptical revolution.
Geocentric	having or representing the earth as the centre, as in former astronomical systems.
Heliocentric	having or representing the sun as the centre, as in the accepted astronomical model of the solar system.
Sundial	an instrument showing the time by the shadow of a pointer cast by the sun on to a plate marked with the hours of the day.
Astronomical	relating to astronomy.
Axis	an imaginary line about which a body rotates.

