

YEAR 5 Curriculum Blog

Spring 1 2024



Dear Parents and Carers,

Welcome to Spring 1 in Year 5!

Thank you for a great start to the academic year and we look forward to what the next half term brings, as we unveil our overarching topic of 'Destination Outer Space'!

Kind regards,

Mrs Edmondson, Miss Honeywell and Mrs Ramalingam

English



Over the next half term, we will be embarking on a literary adventure inspired by the novels 'Cosmic' and 'Mars Transmission.' Channelling their creativity, pupils will delve into narrative writing by crafting their own compelling stories inspired by the themes and characters of 'Cosmic.' Drawing on the imaginative realms of outer space, they will then venture into the world of scientific discovery, creating personal journals detailing their fictional exploration and findings of a new planet, inspired by 'Mars Transmission.' This interdisciplinary approach not only sharpens their narrative writing skills but also fosters a love for both literature and science.

Mathematics



This half term in Maths we focus on multiplication, division, and fractions. We will be building upon the students' prior knowledge and aim to deepen their understanding of these concepts by addressing common misconceptions. Through targeted strategies, we'll guide them in mastering these mathematical operations. The goal is not only to enhance their computational skills but also to foster problem-solving abilities. This comprehensive approach ensures that students not only perform calculations accurately but also develop a robust foundation for tackling real-world mathematical challenges

Please log in to TTRS / Numbots to further support maths learning.

Reading



Over the next half term, we will be entering the world of 'Cosmic' - a laugh-out-loud adventure where the children will be using the VIPERS approach to nurture their reading comprehension skills through vocabulary, inference, prediction, explanation, retrieval, and summarisation.

We hope to create confident, engaged readers who can explore the wonders of literature and uncover the hidden treasures within the written word.

We encourage you to join in this reading adventure by discussing the book with your child, asking them about their predictions, and sharing the joy of exploration that 'Cosmic' offers.

Please read daily and log all reading on BOOM READER.

Science



In Science, our focus this half term is on Earth and Space. To kick off our exploration, we're thrilled to announce an exciting workshop at the start of the term. Throughout the coming weeks, we will delve into fascinating concepts, starting with the basics of day and night. We'll uncover the mysteries of our solar system by investigating the planets, learning about their unique characteristics. Moreover, our curious minds will turn towards the night sky as we explore the phases of the moon. This hands-on approach will engage students in practical activities to deepen their understanding of celestial phenomena.

<p>Computing</p> 	<p>In computing, we will be diving into the world of micro: bits, exploring the endless possibilities of this versatile microcontroller. Through hands-on activities and interactive lessons, pupils will learn the fundamentals of coding, problem-solving and physical computing using micro: bits. This educational adventure allows students to unleash their creativity by programming these small devices to perform a variety of tasks, from creating simple games to monitoring environmental conditions.</p>
<p>Geography</p> 	<p>Over the next half term, we will be learning about the fascinating concept of time zones. Through interactive lessons and exploratory activities, pupils will unravel the intricate network of lines that divide the world into distinct time regions. They will explore the reasons behind the existence of time zones, examining how they relate to the Earth's rotation and the concept of a 24-hour day.</p>
<p>DT</p> 	<p>In DT, our focus will be 'Celebrating Culture and Seasonality'. The children will apply their prior knowledge of hygiene, nutrition, and healthy eating before testing and evaluating a range of products. They will use their prior learning to measure, prepare and combine ingredients, and generate innovative ideas through research and discussion. Their ideas will lead on to a final product where they will make and present a food product, carrying out evaluations using tables, graphs and charts.</p>
<p>Music</p> 	<p>Over the next half term, students will be having instrumental lessons with Mrs Barrett, providing our young musicians with the opportunity to explore melody, rhythm and the joy of creating music. Through these hands-on lessons, they will learn the fundamentals of playing the glockenspiel, gaining understanding musical notation and developing their fine motor skills. They will have the chance to practice and perform as individuals and as part of an ensemble, fostering cooperation and harmony among the students.</p>
<p>PSHE/RSE</p> 	<p>In PHSE, we will be delving into the theme of 'Living in the Wider World.' Through a series of interactive lessons and thought-provoking activities, pupils will explore their roles and responsibilities as individuals within a broader global context.</p>
<p>RE</p> 	<p>This half-term, we will continue to embark on our journey of understanding 'Why do some people believe God exists?' Through open and respectful dialogue, our students will explore the diverse reasons and perspectives that drive people's belief in God. This exploration will encourage critical thinking, empathy, and an appreciation for the multifaceted nature of religious and philosophical belief.</p>
<p>French</p> 	<p>We are continuing to use the scheme called Language Angels to promote the accuracy of our spoken French. Our focus this half term will be the 'Weather', where pupils will: repeat and recognise the vocabulary for weather in French, ask and say what the weather is like today, create a French weather map, and describe the weather in different regions of France using a weather map with symbols.</p>
<p>PE</p> 	<p>For PE this term, we will focus upon dance and gymnastics for indoor sessions and hockey for sessions that are held outside.</p> <p>PE for Year 5 will be on Tuesdays. We ask all children to wear LTPS PE kit which is a plain white T shirt and navy shorts or tracksuit bottoms. Black trainers. All jewelry removed. Hair tied back. NO football kits of any description please.</p>

Ideas to support your child's learning at home linked to our areas of learning this term:

- ✓ Reading daily and logging this on Boom Reader
- ✓ Practicing weekly spellings

- ✓ Taking part in the TTRS battles

Homework Project – Children are asked to choose one of the projects below to complete.

Please complete and return Homework projects by **Friday 9th February**. Homework projects will be celebrated and shared in class **from Monday 12th February**.

- ✓ **Create a Solar System Model:** Construct a three-dimensional model of the solar system using various materials such as clay, Styrofoam, or even paper. This project allows them to explore the relative sizes and distances of the planets.
- ✓ **Design a Space Travel Poster:** Create visually appealing posters advertising space travel to a specific planet. They can include information about the planet's characteristics, potential challenges, and the excitement of space exploration.
- ✓ **Build a Rocket:** Design and build their own model rockets using materials like paper, plastic bottles, or cardboard. This project not only sparks creativity but also provides an opportunity to understand basic principles of aerodynamics.
- ✓ **Write a Space Adventure Story:** Write and illustrate their own space adventure story. This could involve imaginary journeys to planets, encounters with alien civilizations, or exploration of uncharted celestial bodies.
- ✓ **Stargazing Journal:** Keep a stargazing journal where they record observations of the moon, stars, and other celestial objects. They can include sketches, notes on phases of the moon, and observations of constellations.
- ✓ **Create a Space-themed Board Game:** Design and create their own board game centered around space exploration. This project involves thinking about game mechanics, rules, and incorporating educational elements about space.
- ✓ **Space Poetry:** Create a collection of space-themed poems. They can experiment with various poetic forms and express their awe and imagination inspired by the cosmos.
- ✓ **Research a Space Mission:** Choose a historic or current space mission to research. They can create a presentation or report detailing the objectives, challenges, and outcomes of their assigned mission.