



Year 5 Curriculum Newsletter - Autumn Term 2024-25

Dear Parents and Carers,

Welcome to Year 5! We are so excited to welcome your child to the year group and as part of this we would also like to introduce the Year 5 team for 2024-2025! The staff in Year 5 are, **Mr Burns**, **Miss Jones** and **Mrs Smith**. Please feel free to talk to the members of staff if you have any questions related to your child(ren's) time in Year 5.

This term, topic is based around Planet Earth. As part of this amazing topic, the children will have the opportunity to visit the National Space Centre in Leicester which has a wide variety of interactive, hands-on galleries for them to explore.

To introduce this topic, the children will become Solar System Explorers as they venture into deep space before learning more about our amazing planet. Over the following weeks, the fun continues as they create a 3D model of the Earth, Moon and Sun to discover the orbital relationship between them in order to explain how day and night occurs. They will investigate forces by designing a parachute to support a spacecraft landing. Later on, the children will discover the different features that make up our planet and will investigate the life cycles of the different species which inhabit it.

At this time of the year the weather can be very changeable so please ensure your child(ren) comes to school with jumpers and coats to keep them warm. Please label all items of clothing with your child's name, so if it is left on the playground they should hopefully find their way back to your child!

Can I also remind all children to bring a water bottle and a healthy breacktime snack, especially on PE days. It is really important that children keep hydrated throughout the day and having that breacktime snack can help them remain energised throughout the morning.

Below is some general information to support you and your child have a smooth transition into Year 5.



1 - Please take a **virtual tour** around our school, including our classroom.

[Woolden Hill Primary School \(matterport.com\)](https://matterport.com)



2 - Mr Burns - Teacher



3 - Miss Jones - Teacher



4 - Mrs Smith - LSA

General Information



Here is some general information about Year 5.

- Homework will be given **every Friday** and should be returned to school by the **following Friday**.
- Book bags should be brought into school **every day**. Please record any reading your child does at home in their diaries. We aim to change books weekly but if books need changing before then, please speak to a member of staff.
- It is important to hear your child read on a regularly basis, to develop fluency and comprehensions skills. Reading a book several times really helps with the fluency. If there are particular words they get stuck on, write them down and use them to play snap or memory games etc.
- Further guidance to help you in supporting your child's reading will be provided throughout the term.
- The classroom doors will be open at **8:35 am** in the morning and the children will be greeted by a member of staff and walk straight into class. Similarly, at **3:10pm** the children will leave school via the classroom door and line up in the playground. It will take a little time for staff to recognise the child(ren's) parents or carers, so please can we ask that you support staff with this.
- We are aware that some children might find the first few days back to school a little challenging, we will endeavour to support all children with their needs.
- Children will need to bring a **named water bottle** into school. No juice or fizzy drinks.

- **PE days**, will be on a **Wednesday** and swimming on **Friday**. Your child will need **two** PE kits, these will need to include, **Outdoor**: Please ensure that your child has appropriate clothing, as he/she will go out in all weathers, **tracksuit bottoms, jumper, t-shirt and trainers**. **Indoor**: **t-shirt, shorts and pumps**. Please ensure that all items of uniform and PE kit are **named**. **Please note**: Children with long hair must have their hair tied back , at all times during the school day and all earrings must be removed before the children come to school, on a PE day. Thank you.
- The children will have a personal locker to keep all their belongings.
- Children will be provided with stationary, so they do not need to bring their own equipment into school.

	8.45am	9:00 - 10:00	10:00 - 10:35	10:35 - 10:50	10:50 - 11:05	11:05 - 12:10	12:10 - 13:10	13:10 - 14:10	14:10 - 15:10
Monday	Homework Site	ABC English	Gardening	Assembly	Play	Maths	Lunch	Music	IT
Tuesday	Homework Site	ABC English	Online Safety	Assembly	Play	Maths	Lunch	Music	PSHE
Wednesday	Homework Site	ABC English	Handwriting	Assembly	Play	Maths	Lunch	Music	PE
Thursday	Homework Site	ABC English	Free Write	Assembly	Play	Maths	Lunch	Music	Reading
Friday	Homework Site	ABC English	Arithmetic	Assembly	Play	Maths	Lunch	Reading	PE

English



As writers, the children will have the opportunity to explore a write for a range of purposes. They will begin the year by writing their own fantasy story, taking inspiration from a variety of multimedia sources. By using their understanding of Space, attained during our science lessons, they will build upon their own imaginations to create a unique tale of their own.

They will then have the opportunity to write a biography of a character from our class read - *Cosmic* by Frank Cottrell Boyce. They will look at a range of examples, hunt for features and apply them to their own work.

As part of our topic, the children will also write a non-chronological report about Planet Earth and take part in a persuasive presentation about how they can protect our planet and the potential challenges it faces in the future.



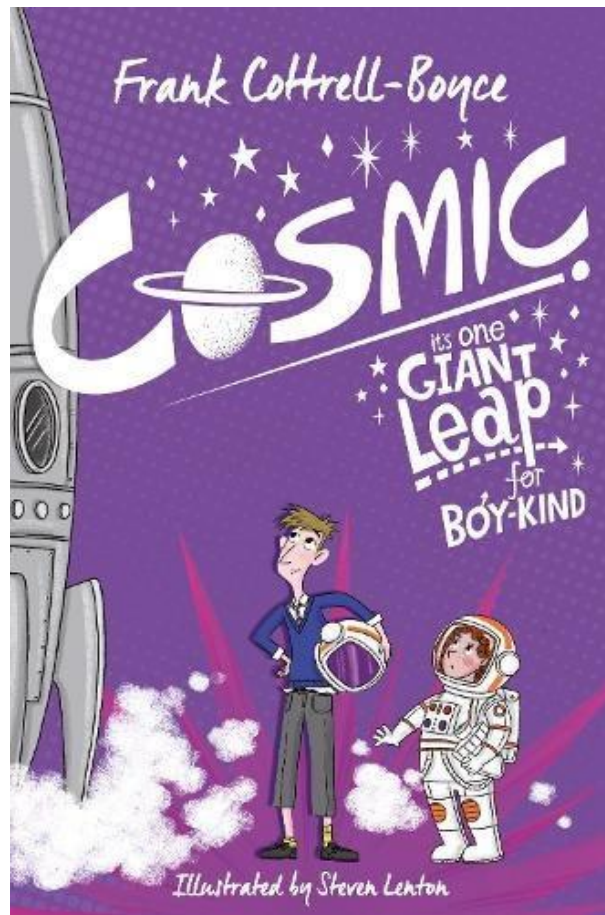
5 - Reading

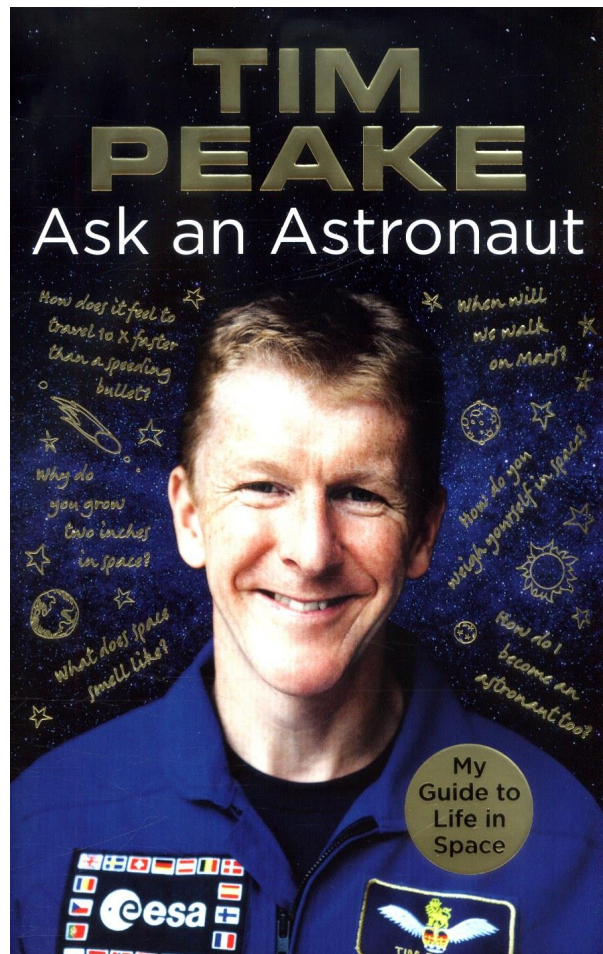
*As readers, the children will explore **Cosmic** by Frank Cottrell Boyce. Cosmic is a roller coaster adventure that takes Liam Digby up into space with a handful of other children and their parents. It's an hilarious journey of discovery as Liam hurtles around the world finding out exactly what makes children and adults different. They will consider a plethora of themes such as morality, personal and mutual understanding, citizenship, ethical awareness and the use of social media.*

*In the second half of the term, the children will read **Tim Peake: Ask and Astronaut**. As they find out more about this key figure in British Space travel, the children will discover features of non-fiction writing and explore interesting and specific vocabulary.*

As a result, the children will have a first-hand account of what our planet looks like from Space and what it would be like to live there, aboard the ISS.

Throughout the term, children will also have the opportunity to read Space related poetry and contributing non-fiction texts.





Read Write Inc.
Spelling

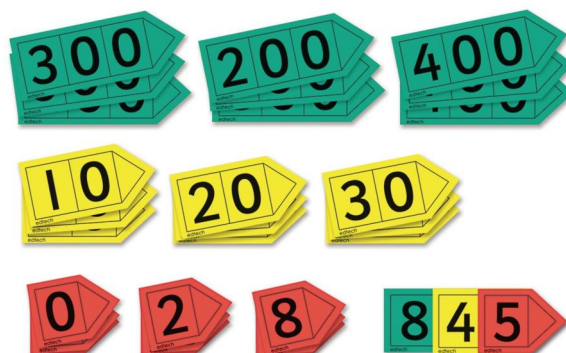
6 - Spelling is an integral part of the English curriculum. As a school, we implement the Read Write Inc. approach to learning. Using a proven approach underpinned by phonics and fast-paced lessons, it prepares children for the higher demands of the statutory spelling assessments in England.

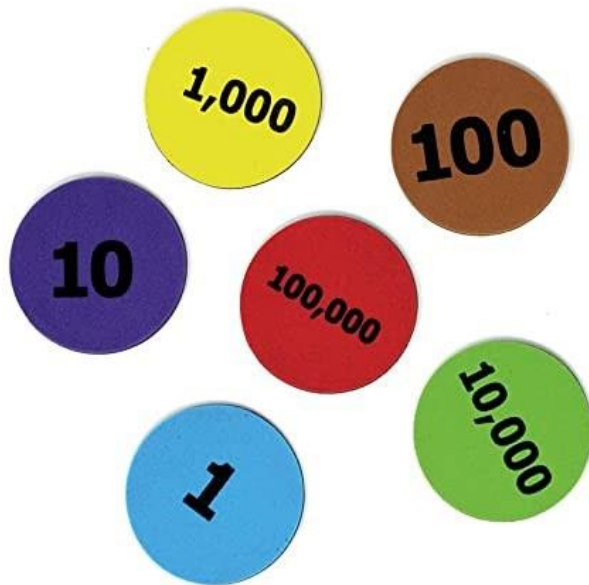
Maths



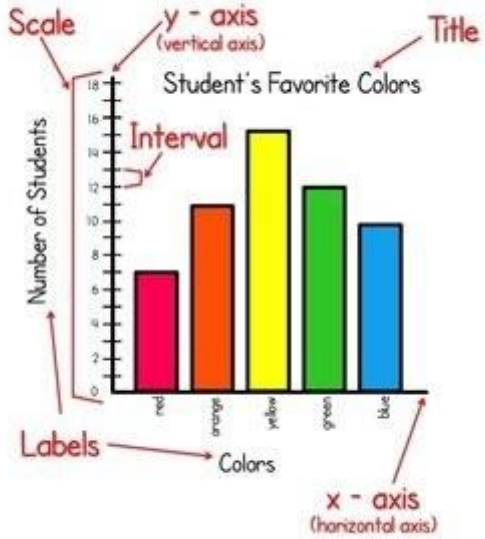
As mathematicians, the children will learn through a range of concrete and pictorial resources before progressing to a more abstract application of maths. This term, Year 5 will build upon their prior learning and understanding of Place Value, the Four Operations (addition, subtraction, multiplication and division) as well as Statistics, Perimeter and Area.

Throughout their learning journey, children will apply their mathematical knowledge and understanding through real-life examples linked to our topic work.

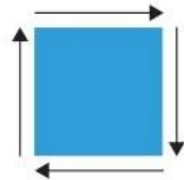




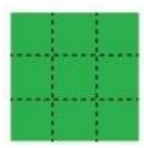
Parts of a Graph



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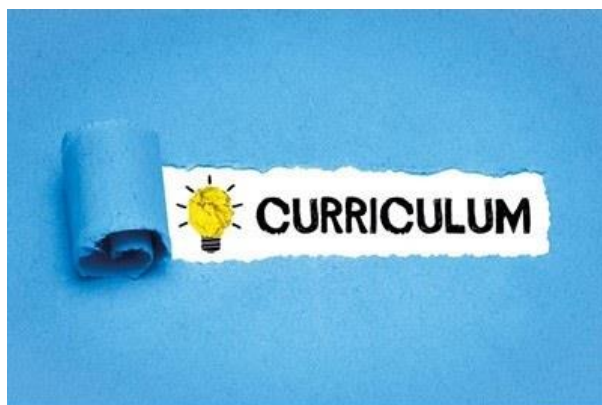


PERIMETER
The distance around the edge of a shape



AREA
The amount of space inside a shape

Connected Curriculum



7 - Science

Earth and Space

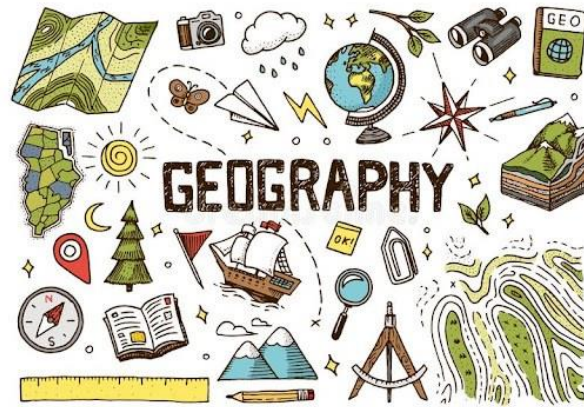
As scientists, the children will explore the planets in our solar system and be able to describe their movement relative to the Sun. They will then focus their study on the Earth, Moon and Sun. They will investigate the relationship between these bodies through use of multimedia and role play. By the end of this unit, the children will have created a 3D model of the Sun, Earth and the Moon and be able to explain and demonstrate how day and night occurs.

Forces

The children will work scientifically to experiment and apply their inquisitive nature to design a parachute to support the landing of a rocket. They will apply their understanding of gravity in order to make predictions, record data and discuss the outcomes.

Life Cycles

As a class, the children will observe and explore the life cycles of different living things. They will investigate the differences between different life cycles, comparing them with examples from around the world. As part of this unit, the children will learn about the process of reproduction in plants and animals investigate how reproduction rates are changing, thinking about endangered animals and baby booms.



8 - Geography

Features of our precious planet

As Geographers, the children are going to become intrepid Earth explorers! They will develop their map reading skills by using traditional and digital atlases to name and locate many of the world's most famous mountainous regions and rivers - considering lines of latitude, longitude and the Tropics and of Cancer and Capricorn. Closer to home, they will name and locate counties and cities in the UK, identifying their human and physical characteristics and build upon their skills to identify key topographical features. They will also use some basic Ordnance Survey map symbols. The children will showcase their learning through a fact file entitled 'What makes up our Earth?'.



9 - Art

Art

The Great Wave

As part of our topic about Planet Earth, the children will explore the printing technique, work and world of Japanese artist Katsushika Hokusai with a focus on The Great Wave (1830). They will compare a variety of wave representations by artists such as Claude Monet, William Turner and Vanessa Mae in order to inspire their own work.



10 - ICT

ICT

Children will continue their development of digital literacy by exploring the use of a range of Microsoft applications. Through out, they will learn, develop and apply the principles of computational thinking. Explicit ICT teaching will be delivered by an ICT expert and will be supported and enhanced during daily classroom activities by their class teacher.



11 - R.E.

R.E

Why do some people believe God exists?

This investigation enables pupils to learn in depth from different religious and non-religious groups about belief in God. Pupils enquire into the key question- raising questions about the nature and existence of God focussing on Christian ideas about God. Pupils will consider why people do or don't believe in God and the impact that might have on the way they live their everyday life. This investigation provides an opportunity to explore the views of Christians, agnostics and atheists and ask questions about why they do or don't believe in God.

Can we live by the values of Jesus in the twenty-first century?

This investigation enables pupils to learn in depth from Christianity, considering in a detailed way some teachings of Jesus and the ways they are applied today. Pupils will consider examples of what Jesus said, and how Christians today respond to the challenges of his teachings.



12 - P.E

P.E

A1: Tag Rugby and Football

Through playing rugby and football, the children will develop a range of techniques and skills for attacking and defending. They will learn and apply some basic strategic and tactical principals.

A2: Basketball and Netball

By playing basketball and netball, the children will develop a range of skills specific to net games. They will explore how physical activity affects their health and understand how it is good for fitness, health and overall wellbeing.

Across the term

Children will learn the importance of warming the body up before exercise and why it's important for good quality performance. They will also begin to evaluate their own performance and the performance of others. Eventually, they will start to suggest ways to improve their own and others' performance.



13 - PSHE

PSHE

Family and Friends

During the first part of this unit, the children will explore the characteristics of healthy friendships on and offline. They will focus on concepts of trust and loyalty within friendships. Additionally, they will consider the benefits and risks of making new friends, including those they may only know online.

The children will develop strategies for balancing family and friends, and understand the importance of communication, empathy and compromise to resolve conflict. In the latter part of this unit, the children will revisit their network of support to understand how families help each other.

Anti-bullying

As part of Anti-Bullying week, the children will be revisiting what constitutes as bullying and the different types. We will focus on online bullying, how it can affect us and how to respond and report. This week will end with considerations for how to create a safer environment.

How can you help your child at home?

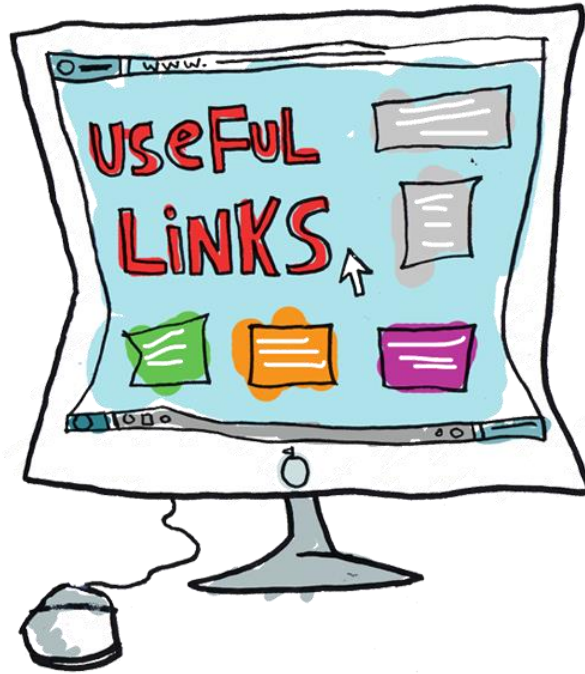
FUN ACTIVITIES AT HOME

How can you help your child at home?

- Make and launch a bottle rocket!
- Build a LEGO moon buggy
- Find out the ISS passing times and look up into the night sky to observe it
- Keep a moon diary and note the phases of the moon through the lunar month
- Round up 8 different sized spherical objects, give each one the name of a planet and practice putting them in the correct order
- Make a shadow clock and observe the changes together
- Research and create a PowerPoint presentation about your child's favourite planet
- Explore your local area and go on an adventure using a map!
- Play spot the 'Ordnance Survey Sign' when out and about

- Encourage your child to become an 'in house' recycling monitor
- Observe the local wildlife and encourage curiosity about their habitat and life cycle

Please bring in the work to share at school, we would be delighted to see it!



14 - Useful Websites

<https://trockstars.com/> - Support your child with their times tables

<https://www.century.tech/> - Individual learning programs

[Welcome to Renaissance Place \(renlearn.co.uk\)](https://www.renlearn.co.uk/) - AR Reader

<https://home.oxfordowl.co.uk/> - Support your child with reading and E-books

[Primary Homework Help | Online Games For Kids - BBC Bitesize](#) - You will find curriculum related learning here!