

Year 5

Curriculum Map

Key Dates

Thursday 5th November – PTA fireworks
Monday 14th December – Year 5 and 6 Christmas production
Wednesday 16th December – Christmas Dinner
Friday 18th December – Break up for half term.
5th January – Children return to school

PE Days

Class: Fiennes
Days: Monday and Tuesday

Class: Byrd
Days: Monday and Thursday

English

Key Texts: The Lost Thing by Shaun Tan and The Man Who Walked Between the Towers by Modicai Gerstein.

Using the film and text of Shaun Tan's The Lost Thing, children initially engage with the themes of the story and make predictions about its content. They then engage with the story through writing diary entries in role and writing formal letters of advice to Pete about what he should do. They go on to create guides for how to look after it along with completing official paperwork and adverts for the Department of Odds and Ends. Children will then go on to design their own lost thing and describe it in order to incorporate it into their own version of a 'lost thing' narrative.

Following on from The Lost Thing, we will read The Man Who Walked Between the Towers. Children explore how a real-life story has been portrayed as fiction. They consider a diary entry found written by Philippe Petit just before he leaves to walk between the towers and write letters of advice to him, considering the pros and cons. Children will write a recount in the first person as the main character. As witnesses and reporters, they create news updates for The New York Times. They also role play making a speech as Philippe Petit in court, defending himself and his actions. Finally, the children gather everything they have learnt about Philippe Petit and write a biographical account of his life.

Maths

As a school, we follow the White Rose Maths scheme of learning for Mathematics. This half term, will continue with our multiplication and division unit which we started in Autumn 1. The key skills the children will need to practise are understanding the vocabulary product, multiples and factors. They will be building on their Year 4 learning by re-capping multiplying and dividing by 10, 100 and 1,000.

We will then be moving onto the first of our fraction units. Children will re-cap finding equivalent fractions as well as adding and subtracting them. They will also learn how to convert using mixed numbers to improper fractions and vice versa.

We encourage the children to continue practicing TTRockstars at home to further develop the children's fluency, speed and accuracy. A consistent emphasis on the children's ability to use their knowledge and apply it in problem solving situations will also take place. Knowledge organisers for each maths topic can be found on the school website. For any questions about our weekly maths learning, do not hesitate to ask.

Year 5 Curriculum Overview - Autumn 2

Science	Geography	Computing	RE
Forces and Space: Earth and Space Children will be investigating how the solar system works by examining the sun, Earth moon and planets, and comparing their movements. They will be able to name and describe the orbit of the moon and Earth and its phases, explain how day and night work and some of the uses of satellites and explain why space junk poses a problem to them.	**Why does Population change?** Children will be examining global population patterns by investigating why some places are more densely populated than others. Children will be able to identify the most densely and sparsely populated areas, define birth rates, suggesting what might influence them and explain why some people have no choice but to leave their homes.	Our E-Safety lesson focuses on the different ways we can communicate and the positive and negatives forms of online communication. We also discuss how different forms of online communication can be misinterpreted. In Computing, children will develop their knowledge by exploring how the Mars Rover collects, stores and transmits data back to Earth using binary code and computer systems.	**What Matters to Christians and Humanists?** The children look at why people make good and bad choices and the consequences for the bad choices. Children will learn about humanism and make links between Christianity and Humanism. Children will also discuss and learn about morals and how people try to live by them to make good choices.
DT	**Music**	**Art and Design**	**PE**
Children will study electrical systems and make doodlers to test their designs. They will develop an understanding of series circuits by investigating how electrical products are constructed. They will identify simple circuits and explain that a series circuit is assembled in a loop. They will create a functional doodler that scribbles on paper with or without a switch.	**Looping and Remixing** Children will be able to perform a looped body percussion rhythm using loops to create a whole piece of music. They will ensure that the different aspects of music work together. They will then perform a piece with some structure and two different loops.	In our Art lessons, the children will be printing Islamic art tiles. They will learn about how culture and religion is reflected in art. They will be experimenting with print forms, constructing circles to paint and then using materials to print their final designs.	**Gymnastics** – Children will learn about different balances, mirroring and travelling around a space. **Football** – Children will learn key skills including movement, accurate passes, shooting and team work skills.
PSHCE	**French**	**Helping at Home**	**Homework**
Connecting with others: Why are healthy relationships important? Children will be investigating their identity, values and relationships by considering how experiences and beliefs can influence choices and behaviour and describe why healthy relationships matter for wellbeing.	**Space** Children will learn different vocabulary about space and the solar system They will look at different language to create metaphors about space. We will also build on the vocabulary we learnt in the last half term to describe the planets.	As our new topic is about how our population changes, children can carry out research to further support their learning. They could research which countries have had a decline in their population and why. They could also complete further research about space and create a poster of the Solar System in French.	• Daily reading • TT Rockstars • Spelling Shed • Atom (Weekly) • My Maths (Weekly)