

# Our key texts

**Maths** : This half term builds on last half term's knowledge of fractions to understand decimals and percentages. We will then be revisiting our area and perimeter learning from year 4, taking it further by applying to polygons and compound shapes. Finally, we will be learning how to read line graphs, tables and timetables as part of our statistics topic.

**Science : Life Cycles and reproduction.** The children will be learning about the life cycles of many living things, from plants, to insects and amphibians and comparing them. Working scientifically, the children will be observing and comparing the reproductive parts of different flowers, creating line graphs to show root growth and considering how temperature may impact the hatching of an egg.

**Design and Technology: Gears and Pulleys.** The children will explore, design and make different pulley and gear systems and identify their uses in everyday life.

**Computing:** Microbits. This is a programming unit building on the skills acquired using Scratch last year. This year, we are hoping to be able to program BBC Micro bits using our lap tops. It enables us to write code, download it and see an outcome on the Micro bit devices.

What are we learning in year 5  
in Spring 2?



**How can I support my child?**

Please continue to hear your child read regularly (at least three times per week). Homework is set each Friday to be returned the following Thursday. Please encourage your child to complete this. Don't forget spelling activities are available on EdShed and we run a weekly Times Table Rockstars Competition.

**Music:** As well as continuing to learn and enjoy our Let's go Sing songs, we will be focusing on the idea that different musical styles have different "textures" from using different instruments, different voices.

**PSHE:** Citizenship. This half term, the children will be learning about how we can contribute to different areas of our society which will help them become good citizens. It will include how Parliament works, the role of pressure groups, what rights are and our right to freedom of expression.

**English** : Our text for inspiration this half term is an adaptation of Charles Dickens's "Oliver Twist" where we will be using his amazing skills of character describing to inspire our own characters. We will learn a little about life in Victorian Britain and use this to help us write a good setting for our own adaptations of the story. We will also be using the musical "Oliver" to help paint the scenes.

**Geography—Why do oceans matter?** Building on our water cycle learning from year 4, we will be looking at how our oceans regulate the Earth's climate and temperature. Our focus will turn to the Great Barrier Reef to understand its role and then looking at the role humans play in changes to our world oceans.

**Religion and World views: What happens when we die? (Part 2)** Building on our learning from the previous unit, we will be considering the Hindu and Sikh views of death and afterlife. Looking at the concepts of karma, reincarnation and nirvana. We will be considering the similarities and differences between these religions and the views we learned about last half term.

**French:** The French speaking world. The children will learn to ask for and give directions in French and also learn about the understanding of national identity.

**PE:** Ollie (our sport's coach) will be taking the class on a Thursday for Netball skills and we will also, weather permitting, be developing our orienteering skills.

**Important dates, visits and visitors:**

World Book Day—5th March

Tower Wood—10th-13th March

Let's Go Sing—19th March