

## English

This half term, the children will be reading *The Last Bear* by Hannah Gold. In our guided reading sessions, we'll be exploring this beautiful and moving story of friendship, courage, and the environment, as we follow April's extraordinary journey to save a lonely polar bear. Each week, pupils will focus on developing their reading fluency and a key comprehension skill to help them read with greater understanding and confidence. They will also complete a fortnightly mixed comprehension to practise applying a range of strategies across different question types. Every other Friday, pupils will complete a book-based task linked to *The Last Bear*, giving them the opportunity to respond creatively and thoughtfully to the story's themes and characters.

For Year 5's English units this term, the children will be using their guided reading text of *The Last Bear* as their driver for their writing pieces. In the pupils' first English unit, they will be writing non-chronological reports about Arctic animals. To write these effectively, the children will be learning how to use devices like headings and bullet points, commas to indicate parenthesis and expanded noun phrases and relative clauses to convey complicated information clearly. Children will also focus on writing legibly and refining their skills for proofreading their writing for spelling and punctuation mistakes.

In their second English unit, children will be writing mystery narratives. They will be creating effective pieces of writing by learning how to describe setting and atmosphere and show cohesion within and across paragraphs. During this unit, the children will focus on evaluating the effectiveness of theirs and others' writing and propose changes to their grammar and vocabulary choices to enhance their work. This will include using thesauruses to uplevel and improve writing.

## Spellings

In Spelling, children will be focusing this half term on homophones, near homophones and words ending in -ant / -ance / -ancy and -ent / ence and -ency. They will also continue to learn their Year 5 and 6 common exception words.



# Alder Grove

Church of England Primary School

## Autumn 2 - Year 5

## PSHE - Celebrating Difference

In this unit children will begin by reflecting on their own culture and discuss how cultural differences can sometimes cause conflict. Children will explore what the term racism means and how they can include others when working or playing. The pupils will then move on to direct and indirect bullying, looking at what this means and how bullying can start. Collaboratively, children will develop strategies for problem-solving and encouraging others if they see bullying behaviour taking place. They will move on from this to asking the question: Does Money Matter? Children will compare their lives with those in the developing world and reflect on the value of happiness regardless of wealth! Children will conclude this unit by reflecting on how they we can respect their own and other's cultures.



## Maths:

### Multiplication and Division



This unit will develop children's multiplicative reasoning. Children will begin by developing their understanding of multiples, common multiples, factors and common factors, recognising what they are and how they are found. Following this, children will learn about prime numbers and how they are different to composite numbers. Children will then investigate square and cube numbers, linked to their concrete understanding of the shape namesakes. Having learnt about properties of numbers, children will learn how to multiply and divide by 10, 100 and 1,000 and use this knowledge to multiply and divide by multiples of 10, 100 and 1,000.

### Fractions

Children will begin this unit by developing their understanding of how to find equivalent fractions by simplifying and expanding, and exploring how equivalent fractions represent the same fraction differently. Children will learn how to create a family of equivalent fractions by multiplying. Children will learn to convert between mixed numbers and improper fractions, and how to use these in real-life contexts, using pictorial representations to demonstrate their understanding. Finally, children will use their knowledge of equivalent fractions in order to compare or order fractions.

**In term 2, children will continue to practice times tables already taught: You can use doodle tables and UR brainy app to support.**

PE -

## Dance

In this unit, children will learn different styles of dance, working individually, as a pair and in small groups. They will be encouraged to think about how to use movement to explore and communicate ideas and issues, and their own feelings and thoughts. As they work, they will develop an awareness of the historical and cultural origins including rock 'n' roll and Maya.



## Rugby

In this unit, children will develop their understanding of the attacking and defending principles of rugby. They will be encouraged to think about how they use skills, strategies and tactics to outwit the opposition. They will do this by maintaining possession and moving the ball towards the try line to score. Children will develop their understanding of the importance of fair play and honesty while self-managing games and learning and abiding by key rules.

## RE - What makes some texts sacred?

This unit will explain the difference between evidenced or recognised information about scripture and beliefs and opinions. Children will be able to give some reasons why different Hindu texts might be significant to people. They will also identify the key events that led to the writing of the Buddhist Canon while discussing the importance of the Buddhist canon to some people today. Children will be able to provide examples of why and how the Gurm Granth Sahib is respected and drawing out connections between beliefs and practices.



## DT - Developing and Recipe

In this unit, children will learn to design, and make a simple bolognese recipe and adapting it to improve nutritional content. Children will spend time describing the process of beef production while researching a traditional recipe and make changes to it. They will then explore how to nutritional value to a recipe by selecting ingredients and prepare and cook a version of bolognese sauce. The key skills build will be: explaining the farm-to-fork process, researching existing recipes, suggesting alternative ingredients, analysing nutritional content, writing an alternative recipe and understanding cross-contamination.



## History -

This half term, Year 5 are exploring the world of Ancient Greece and its lasting influence on modern life. Pupils will learn about the great philosophers Socrates, Plato and Aristotle, compare the ancient and modern Olympic Games, and investigate Athenian democracy alongside Britain's system today. They will also explore the Greek language, art, and architecture, discovering how these ancient ideas continue to shape our world. The unit will end with pupils reflecting on the question:

"What is Ancient Greece's greatest legacy?"



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### SCRATCH

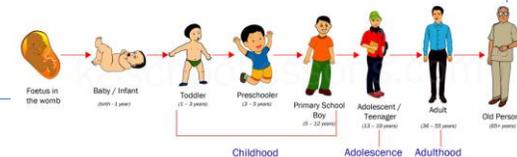


## Computing: We are cryptographers

In this unit, children investigate early methods of communicating over distances, learn about two early ciphers, and encrypt and decrypt messages in various ciphers. They will send and receive messages using Morse and semaphore beyond line-of-sight and decrypt messages using the Caesar cipher with an unknown key. Children will come to recognise the importance of using complex passwords and finally understand how to check if a web page is encrypted.

## Science - Animals including humans - how do we change as we grow older?

During this unit of work, children will learn about the different stages of the human life cycle. They will discuss a simple time line first before going in to more depth about what happens in the womb, during puberty and when you are older. Finally, children will explore how they can better live a healthy life style and the changes they can make as they grow older.



'They are like trees planted along the riverbank, bearing fruit each season.' Psalm 1:3