



Winton Primary School

Year 4 Autumn Curriculum Overview



Key Learning	
Reading 	Our texts in Talk for Reading will be <i>The Firework Maker's Daughter</i> by Philip Pullman, where we will explore the themes of good versus evil, teamwork, tradition, greed and poverty. Through the characters and events in the story, children will consider the importance of determination, friendship and working together to overcome challenges. We will also read <i>The Whale Watchers</i> by Dougie Poynter, where we will explore the themes of climate change and protecting our environment. Children will learn about the impact that single-use plastics and pollution can have on marine life and consider why it is vital that we all play a part in protecting our seas and oceans for the future.
Writing 	Our stimulus in writing will firstly be 'The Firework Maker's Daughter', where we will be writing both a setting and character description that use a range of descriptive techniques. We will also be writing an instructional text on how to invent a 'Teacher pleaser'. Our own poetry pieces, inspired by the nonsense poem 'The perils of dinner'. In the second half of the term, we will be building on our descriptive techniques to write our own disaster stories and a balanced argument based on the pros and cons of screen time for young people. We will conclude with winter poems which will build on our knowledge of setting descriptions and use of the five senses.
Maths 	In maths, we will be learning to: - Count backwards through zero, order and compare numbers beyond 1000 and round any number to the nearest 10, 100 and 1000. - Use mental strategies when adding and subtracting three-digit numbers. - Calculate perimeters and convert between different units of measure e.g. km to m - Recall and use multiplication and division facts for 6- and 7-times tables. - Identify equivalent fractions, count in fractional steps (including tenths and hundredths), add and subtract fractions with the same denominator and round decimals to the nearest whole numbers. - Sort 2D shapes, identify acute and obtuse angles, identify lines of symmetry, describe positions on a 2D grid as coordinates. - Accurately read scales to solve problems involving mass and length. - Tell the time to the nearest minute and convert between analogue and digital time.

Key Learning	
Science 	Electrical Circuits - How do circuits and materials help control how electricity powers appliances? Plants - How do flowering plants grow, reproduce and spread their seeds? Materials - How do rocks, soils, materials and water move and change to shape the world around us? 
History 	The Stone Age - How did life change in the Stone Age, and how do we know if our ideas are right? The Bronze Age - How did trade and travel change people's lives during the Bronze Age? The Iron Age - How did developments in settlements and farming impact society? 
Geography 	Describing maps of the world – How can maps be used? Europe: population – How does population differ? Europe: rivers - What do we know about European rivers? Landscapes: rivers - What are rivers? 

	Erosion and deposition: rivers - How do rivers change the land?	
Art 	Royalty - Hans Holbein the Younger - How did artists show power and personality in royal portraits? Spotlight artist: Hans Holbein The Renaissance - Leonardo da Vinci How did Renaissance artists create more realistic art? Spotlight artist: Leonardo da Vinci	
Design and Technology 	Safe storage – How do we keep food safe? Paper circuits - How can we design, make and evaluate paper LED circuits?	

PE 	Music 	Computing 
Football Netball Dance Gymnastics	Rehearsing and performing a class piece on the djembe drums inspired by West African rhythmic patterns.	We will develop our programming skills in Scratch, with a focus on using count-controlled loops to make parts of a program repeat.
RE 	PSHE 	French 
Islam - Does praying at regular intervals help Muslims in their everyday lives? Christianity - What is the most significant part of the nativity story for Christians today?	Being me in my world Celebrating differences	Phonetics and Presenting Myself My Family

Landing	Real World Outcome
Science workshop – As Scientists, we will be inviting parents in to demonstrate our science learning on Electricity! What are the components needed for a complete circuit? Date: Tuesday 13 th October 3.00 – 3.20pm	We have been invited to visit the Redhill Park café for some seasonal singing! We will also be handing out booklets of our winter poems for the public to enjoy! Date: Thursday 17 th December 3.45 – 4.15pm – more details to follow.
Home Learning	Key Dates
Design and create their own tool suitable for either the Stone, Bronze or Iron Age. Children will be asked what makes it suitable for the period and why it has been designed in that way. Due date: Wednesday 9th December	Landing – Tuesday 13 th October Real World Outcome – Thursday 17 th December 2026 Weekly home learning due - every Wednesday. 4ML's class assembly – 1 st December – 2.45pm – Small Hall

Drivers		
Enquiry: We frame learning around questions. We promote curiosity and higher-order thinking.	Aspiration: We encourage pupils to aim high and believe in their abilities. We introduce role models to broaden horizons and inspire ambition.	Community: We foster a sense of identity and belonging. We build strong links with local geography, history, and people.