



Year 6 Curriculum Newsletter - Summer

<u>English</u>		<u>Maths</u>	
<p><u>Writing</u> During the summer term, the class will be applying their writing knowledge and skills to write for a range of purposes and audiences.</p>	<p><u>Reading</u> Holes by Louis Sachar</p> <p>A range of texts and extracts including fiction, non-fiction and poetry</p>	<p><u>Units</u> Shape</p> <p>Themed projects, consolidation and problem-solving.</p>	<p><u>Fluency</u> Addition Subtraction Multiplication Division Adding, subtracting, multiplying and dividing fractions Finding fractions of amounts Finding percentages</p>

Year 6		<u>Autumn</u>	<u>Spring</u>	<u>Summer</u>
	<u>Science</u>	Living Things and their Habitats Electricity	Animals including Humans: The Heart and Health Light	Evolution and Inheritance Looking After our Environment
	<u>DT</u>	Mechanical Systems - Automata Toys	Structures - Playgrounds	Cooking and Nutrition Digital - Navigating the Digital World
	<u>Geography</u>	What is the ring of fire?	Do you want to fairtrade?	Sustainability Project linked to Science
	<u>History</u>	Where did the Vikings settle?	Were Victorian rules fair?	What was life like in Britain during WW2?
	<u>Art</u>	Contemporary Art Painting Focus artist: Jose Manuel Merello Drawing and Painting	Drawing and Printing Kara Walker: A quick journey through her life and art	Sculpture
	<u>Computing</u>	Internet Communication Webpage Creation	Variables in Gaming Introduction to Spreadsheets	3D Modelling Sensing
	<u>Music</u>	Music and Technology Developing Ensemble Skills	Creative Composition Musical Styles Connect Us	Improvising with Confidence Farewell Tour
	<u>PSHE</u>	Being Me in My World Celebrating Difference	Dreams and Goals Healthy Me	Relationships Changing Me

	<u>Spanish</u>	Exploring a Spanish Town At the Shops	Discovering Spain At What Time?	Our Wonderful World To The Next Adventure
	<u>RE</u>	Commitment Words of Wisdom	Taking Part Belief in Action	The Importance of Hope Justice: Rich and Poor
	<u>PE</u>	Football Dance Basketball	Gymnastics Fitness Yoga Hockey	Orienteering Basketball Athletics Cricket

<u>Subject</u>	<u>What I need to know/learn:</u>	<u>Homework Links</u>
<u>English</u>	<ul style="list-style-type: none"> ✓ Read my book for 20 minutes every day. ✓ Complete my weekly English homework. ✓ Practise spelling the KS2 statutory words. ✓ Practise my weekly spellings either on EdShed or in my spelling book. 	Spelling Shed - Spelling Shed - The Science of Spelling Year 6 Grammar - Year 6 English - BBC Bitesize Year 6 Punctuation - Year 6 English - BBC Bitesize Year 6 Spelling - Year 6 English - BBC Bitesize Year 6 Sentences - Year 6 English - BBC Bitesize MC Grammar Home Music & Lessons England (mrmcgrammar.com)
<u>Maths</u>	<ul style="list-style-type: none"> ✓ Complete my weekly maths homework. ✓ Rapidly recall all multiplication times tables and corresponding division facts. Use TT Rockstars to practise if needed. ✓ Rapidly recall addition and subtraction to facts to support my learning in maths. 	Times Tables Rock Stars – Times Tables Rock Stars (trockstars.com) Times tables games - Learn them all here! KS2 Mathematics and Numeracy - BBC Bitesize
<u>Science</u>	<p><u>Evolution and Inheritance</u> This unit introduces the children to the key concepts of evolution and inheritance by building upon previous topics, including animal characteristics and fossils. The children will learn about inherited traits and apply their knowledge to various animals and plants, before being introduced to the work of Mary Anning and Charles Darwin. Through the presentations and tasks, the children will learn about the fascinating history of humans and discover links between extinct animals and those which are still living today.</p> <p><u>Looking After our Environment</u> Children will explore: the core concepts - 'so what the climate is, how it changes, the difference between a man-made and natural environment and where different types of animals live'.</p>	
<u>DT</u>	<p><u>Cooking and Nutrition - Come Dine with Me</u> In this unit we will learn to:</p> <ul style="list-style-type: none"> ✓ Find a suitable recipe for their course. ✓ Record the relevant ingredients and equipment needed. ✓ Follow a recipe, including using the correct quantities of each ingredient. ✓ Write a recipe, explaining the process taken. ✓ Explain where certain key foods come from before they appear on the supermarket shelf. 	

	<p><u>Digital World: Navigating the World</u> In this unit we will learn to:</p> <ul style="list-style-type: none"> ✓ Incorporate key information from a client's design request such as 'multifunctional' and 'compact' in their design brief. ✓ Write a program that displays an arrow to indicate cardinal compass directions with an 'On start' loading screen. ✓ Identify errors (bugs) in the code and suggest ways to fix (debug) them. ✓ Self and peer evaluate a product concept against a list of design criteria with basic statements. ✓ Identify key industries that use 3D CAD modelling and why. ✓ Recall and describe the name and use of key tools used in Tinkercad (CAD) software. ✓ Combine more than one object to develop a finished 3D CAD model in Tinkercad. ✓ Complete a product pitch plan that includes key information.
<p><u>History</u></p>	<p><u>What was Britain like during World War II?</u> Our key learning during this unit:</p> <ul style="list-style-type: none"> ✓ Can I say why Britain had to go to war in 1939? ✓ Can I say how life changed for women during World War 2? ✓ Can I say what role women played during world war 2? ✓ Can I say why it was necessary to evacuate children and what evacuation was like? ✓ Can I say how Britain was able to stand firm against the German threat? ✓ Can I say what everyday life was like during World War 2?
<p><u>Art</u></p>	<p><u>Sculpture</u> The children will learn:</p> <ul style="list-style-type: none"> ✓ To become proficient in sculpting techniques. ✓ To improve their mastery of art and design sculpting techniques. <p>During this unit the children will:</p> <ul style="list-style-type: none"> ✓ plan and design a clay sculpture; ✓ use tools and materials to carve, add shape, add texture and pattern; ✓ develop cutting and joining skills, e.g. using coils, slabs and slips; ✓ use clay to create a 3D sculpture; ✓ use key vocabulary to demonstrate knowledge and understanding: form, structure, texture, shape, mark, soft, join, tram, cast.
<p><u>Computing</u></p>	<p><u>Creating Media: 3-D Modelling</u> Learners will develop their knowledge and understanding of using a computer to produce 3D models. Learners will initially familiarise themselves with working in a 3D space, moving, resizing, and duplicating objects. They will then create hollow objects using placeholders and combine multiple objects to create a model of a desk tidy. Finally, learners will examine the benefits of grouping and ungrouping 3D objects, then go on to plan, develop, and evaluate their own 3D model of a building.</p> <p><u>Programming B: Sensing Movement</u> This unit is the final KS2 programming unit and brings together elements of all the four programming constructs: sequence from Year 3, repetition from Year 4, selection from Year 5, and variables (introduced in Year 6 - 'Programming A'). It offers pupils the opportunity to use all of these constructs in a different, but still familiar environment, while also utilising a physical device — the micro:bit.</p>
<p><u>Music</u></p>	<p><u>Improvising with Confidence</u> In this unit, the children apply their developed improvisation skills creating their own personal musical ideas. They think about phrasing and dynamics and explore how phrases fit together to make a melody.</p>

	<p><u>Farewell Tour</u> This is the children's last performance before they transition to high school. It will be a special performance where the children plan and learn songs and music that represent our class. They may perform in small groups, as bands or as a small class.</p>
<u>PSHE</u>	<p><u>Relationships</u> We will focus on the following:</p> <ul style="list-style-type: none"> ✓ What is Mental Health? ✓ My Mental Health ✓ Love and Loss ✓ Power and Control ✓ Being Online ✓ Using Technology Responsibly <p><u>Changing Me</u> Further information will be shared with parents/guardians prior to this unit being taught.</p>
<u>RE</u>	<p><u>The Importance of Hope</u> In this unit, children will raise questions about issues which cause people to wonder and investigate some answers to be found in religious writings and teachings.</p> <p><u>Justice: Rich and Poor</u> In this unit, children will investigate stories about God's relationship with people and suggest how, for some people, this helps them to make sense of life.</p>

Class Information:

All children should have a water bottle in school.

- Year 6 children have PE on Wednesdays and Fridays (earrings MUST be removed for these lessons).
- Spelling checks will take place on Fridays. Please ensure spelling books are in school.
- In line with our homework procedure, paper-based homework will be given to Year 6 as preparation for high school.