



## Stockport Grammar Junior School –Curriculum Information for Parents 2024-25 Year 6

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
<b>Mathematics</b>	<p>In place value, we will read, write and order numbers up to 8 digits, round integers and look at negative numbers. We will continue to practise the four rules of operations, including long multiplication and division, as well as the order of operations. We will also look at special numbers: factors, multiples, squares, cubes and primes. Within our fraction work, we will compare, order and find equivalent fractions, revise how to add, subtract, multiply and then learn to divide, all including mixed number fractions. With decimals, we will round to the nearest tenth / hundredth and then multiply and divide by integers. We will complete this section by finding equivalent fractions, decimals and percentages.</p> <p>Our shape work will focus on revising finding the perimeter, area and volume of rectilinear shapes. We learn a little algebra at this point: using function machines, substituting amounts into simple equations and solving problems with two unknowns. Entrance exam practice will take place within lessons throughout the term.</p>					
<b>English</b>	The focus for this term is to develop pupils' descriptive writing skills through reading and					

	<p>responding to a range of narrative texts, commencing with 'The Nowhere Emporium' by Ross Mackenzie. Children will extend and refine their abilities to create effective settings and character, and to develop atmosphere and interest in their writing with purpose and audience in mind. They will learn to write and self-evaluate their writing to a set of five key criteria, 'The Fabulous Five,' which include: <b>D</b>escriptive Detail, <b>F</b>igurative Language, <b>A</b>ccurate and Advanced Punctuation, <b>V</b>aried Sentence Structure and <b>E</b>ffective Vocabulary choices.</p> <p>In the following unit, children will hone their ability to independently compose and review several extended, timed pieces of narrative writing incorporating skills taught whilst extending their knowledge and application of a range of sentence structures to engage the reader. Key grammar concepts needed to write effectively and to support comprehension of texts read are continuously reviewed and extended across Autumn 1 and 2.</p>		
<p><b>Science</b></p>	<p>Children will learn about classification and how to group living things. Children will see that living things change over time. They will examine how living things produce offspring of the same kind and will look to identify how animals and plants are adapted to suit their environment and that</p>	<p><b>Electricity:</b> children will investigate electricity and associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. They will use/interpret circuit diagrams to construct a variety of more complex circuits predicting</p>	

	adaptation may lead to evolution.	whether they will 'work'. They will also investigate renewable forms of energy.		
<b>Humanities</b>	<p><b>Geography</b> <b>Protecting our Environment</b></p> <p>In this unit, the children will consider if we are damaging our world and how we can protect it. The children will investigate energy production, the oceans and minerals, as well as conducting an enquiry into how the school can become more sustainable.</p> <p><b>Geography</b> <b>Our World in the Future:</b> children will learn about sustainability and development of the local area. They will explore how life may be different in the future.</p>			
<b>Art/Design Technology</b>	<p><b>2D Drawing to 3D Making</b></p> <p>The children will explore how 2D drawings can be transformed to 3D objects. They will work towards a sculptural outcome.</p> <p><b>Build a Trebuchet and Control Mechanisms with Crumble(2)</b></p> <p>The children will build a working miniature trebuchet, evaluate and refine their product in order to fire a missile as far as possible. They will then extend their programming knowledge and utilise different sensors on their Crumble models to solve problems.</p>			
<b>Computing</b>	Topics of study will be computers and networks.			

	Children will also look at how binary code is used in computing. Finally, they will be introduced to spreadsheets.		
	<b>My Online Life:</b> Throughout the year, the children will be thinking about all aspects of their online life and considering how to be safe and responsible while using the internet and technology.		
<b>R.E.</b>	Buddhism: What do we mean by a 'good' life? Children will explore Buddhist culture and values with focus on the Eightfold Noble Path and the Four Noble Truths.	Christianity – God: How do Christians mark the 'turning points' on the journey of life?	
<b>P.E/ Swim</b>	In P.E lessons, children will take part in a range of fitness tests, develop their knowledge of stretching and flexibility and improve their key movement skills.  In swimming, children will refine strokes and develop racing techniques, including starts, underwater transitions, turns and finishes. We will be also be developing our distance streamlined kick for each stroke.		
<b>Games</b>	Pupils will test their key skills under pressure, in game situations. They will learn to perform effectively as part of a team. Pupils will develop a tactical understanding and learn to deal with both winning and losing.		
<b>PSHE</b>	We plan to focus our curriculum on building children's self-esteem, learning attitude, wellbeing and building strategies for dealing with worry and anxiety.		

	<p>Through our 1 Decision programme, Year 6 will look at how to safely make friends and interact online, responsible in-app purchases and how to deal with exam related worries and stress. We will explore some elements of puberty and adolescence. Finally, we will explore some basic first aid theory.</p>			
<b>French</b>	<p>Revision of Year 5 conversation questions. My town and directions. My home.</p>			
<b>Music</b>	<p><b>Latin American Dance Music:</b></p> <ul style="list-style-type: none"> <li>• Samba</li> <li>• Bossa Nova</li> <li>• Tango</li> <li>• Cha Cha Cha</li> </ul> <p><b>Dance</b></p> <ul style="list-style-type: none"> <li>• Movement/Pulse</li> </ul> <p><b>Time Signatures &amp; Conducting Basics</b></p> <p><b>Singing – revisiting the basics</b></p> <ul style="list-style-type: none"> <li>• Singing together</li> <li>• Making a great sound</li> <li>• Pitch – focus on the changing voice</li> <li>• Carol Service</li> </ul>	<p><b>Rhythm and Notation skills:</b></p> <ul style="list-style-type: none"> <li>-Harry Potter puppet pals and own compositions</li> <li>-Team Games and Notation Games</li> <li>-Theory &amp; Notation</li> <li>-Keyboard / Pitched Instruments</li> </ul> <p><b>Christmas Carol Service Preparation</b></p>		