



## Stockport Grammar Junior School – Curriculum Information for Parents 2024-25 Year 4

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
<b>Mathematics</b>	Our focus at the start of the year will be on place value, using number lines to develop understanding, then comparing and ordering numbers. We will learn about Roman numerals and practise rounding to the nearest 10, 100 and 1000. Following this, we will add and subtract 4-digit numbers, learning how to estimate and check answers using different strategies. We will learn about measuring area, initially by counting squares, then we will make different shapes and compare their areas. Finally, we will practise times tables and their related division facts and learn how to multiply three numbers.					
<b>English</b>	'Sparks Might Fly!' will be the theme for the first half-term, with work based on the novel 'The Firework Maker's Daughter' by Philip Pullman. Key learning for reading will focus on developing vocabulary, making predictions and using active reading strategies to generate questions, finding answers and using evidence from the text. Writing skills will focus on using fronted adverbials, inverted commas and other punctuation to indicate direct speech. Following on from this, the children will look at examples of different explanations, developing their understanding of paragraphs and using a variety of conjunctions.					

	<p>After half term, we move onto a new topic, 'The Great Plague', looking at a variety of fairy tales and learning to use commas to mark clauses in complex sentences. We continue this topic with a study of classic narrative poetry and finally, we will write news reports and explore, identify, collect and use noun phrases.</p>			
<b>Science</b>	<p>Children will construct simple circuits and test electrical conductors and insulators. They will test switches within a circuit and relate knowledge about metals and non-metals to their use in electrical appliances.</p>	<p>They will describe the simple functions of the parts of the digestive system in humans, identify the different types of teeth in humans and their simple functions. They will also construct and interpret a variety of food chains, identifying producers, predators and prey.</p>		
<b>Humanities</b>	<p><b>Geography</b> Children will study: The Americas – looking at key cities in North and South America.</p> <p><b>History</b> The Ancient Egyptians – how much did the Ancient Egyptians achieve?</p>			
<b>Art/Design Technology</b>	<p><b>Storytelling through Drawing</b> The children will explore how artists create sequenced drawings to share and tell stories. Create accordion books or comic strips to retell poetry or prose through drawing.</p> <p><b>Pneumatics</b> The children will Investigate pneumatics and hydraulics, before designing and making a pneumatic toy.</p>			

<b>Computing</b>	Multimedia presentations will be the focus in ICT. Following this, they will complete a module on graphics and infographics. Finally, the children will explore how the internet works and ways to stay safe online.			
	<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>	Christianity – God. Pupils will learn that the Bible is not one book but a collection of books, written by different people at different times and about other sources of wisdom and authority.	Christianity – Jesus. Pupils will investigate Jesus through the concept of sacrifice.		
<b>P.E/ Swim</b>	In PE lessons, pupils will take part in a range of fitness tests, develop their knowledge of stretching and flexibility and improve their key movement skills.			
	In swimming we will work on stroke improvement and basic skills including, push and glides, diving and sculling. We will be working on our aquatic breathing needed for all our strokes.			
<b>Games</b>	In Games, boys will improve their game understanding and spatial awareness in both football and rugby and girls will do the same with hockey and netball skills. All skills taught in the lessons can be further developed by attendance at clubs.			
<b>PSHE</b>	Through the 1 Decision programme, we will look at a world without judgement and consider how other people’s families sometimes look different from our own families. We will then learn the basic concepts of			

	<p>first aid and how to deal with common injuries. We will recognise our thoughts, feelings, and emotions, and identify the differences between those that feel good and those that do not feel so good. We will also describe how we can support others who feel lonely, jealous or upset.</p>		
<p><b>German</b></p>	<p>Greetings and introductions          Feelings          Numbers to 10          Colours          Days and Months</p>		
<p><b>Music</b></p>	<p><b>Basic Notation</b></p> <ul style="list-style-type: none"> <li>• Rhythmic</li> <li>• Treble Clef</li> </ul> <p><b>More Opera &amp; More Voice Types:</b></p> <ul style="list-style-type: none"> <li>• <i>Hansel &amp; Gretel</i></li> <li>• <i>Breakfast Recitative</i></li> </ul> <p><b>Singing</b></p>	<p><b>Notation – Note Values &amp; Treble Clef:</b></p> <ul style="list-style-type: none"> <li>• <i>Grandfather Clock</i> revised (keyboard)</li> </ul> <p><b>The Orchestra</b></p> <ul style="list-style-type: none"> <li>• Revise and upskill</li> <li>• Orchestral Families and Instruments</li> </ul> <p>Carol Service Songs</p>	