

## Curriculum covered in Year 5 Autumn1 Half Term 2021.

<p style="text-align: center;"><b><u>English</u></b></p> <p><b><u>Class Novel</u></b></p> <p>The children will write a variety of texts inspired by their reading of Skulduggery Pleasant. These will include a description, a diary, instructions, explanation and a police report.</p>	<p style="text-align: center;"><b><u>Maths</u></b></p> <p><b>Place value</b> Children develop their understanding of the value of digits in 5 and 6 digit numbers. They order and compare numbers and develop their understanding of negative numbers and roman numerals.</p> <p><b>Addition &amp; Subtraction</b> Children develop mental strategies for adding and subtracting as well as looking at formal written methods. They use rounding to estimate answers and apply their understanding to solve problems.</p> <p><b>Statistics</b> Children revisit how to use bar charts, pictograms and tables to interpret discrete data. They are introduced to line graphs, continuous data, and the benefits in terms of estimation. They gather data to create their own graphs and charts. They use this understanding to solve problems. Children also experience reading tables.</p>		<p style="text-align: center;"><b><u>Science</u></b></p> <p><b>Scientists</b> Children learn about the work of Attenborough. They learn about how CSI technicians use scientific techniques to analyse evidence and find out about M.Hamilton and her invention of the software and computer code used to take Apollo 11 to the Moon. They look at Leonardo da Vinci's ideas about the proportions of the human body and explore the Eva Crane's research into bees. They also find out about the scientific theories surrounding Stonehenge.</p>	<p style="text-align: center;"><b><u>Computing</u></b></p> <p><b>Search Engines</b></p> <p>To learn independently, children need to be able to find relevant information accurately This topic teaches children how to use key words and phrases, to identify inaccurate information, how pagerank works as well as how to credit their sources appropriately.</p>	<p style="text-align: center;"><b><u>History</u></b></p> <p><b>Did the Greg family have a positive impact upon our area?</b></p> <p>Who were the Greg family? What was the industrial revolution? Who worked at the mill, what jobs did they have and how much were they paid? What do sources tell us and how reliable are they? How did Styal Village develop and what was village life like?</p>
<p style="text-align: center;"><b><u>Music</u></b></p> <p><b>Livin' on a Prayer - Rock</b></p> <p>Children will learn about the interrelated dimensions of music including pulse, rhythm and pitch. At the end of the unit children will perform the song using glockenspiels and singing.</p>	<p style="text-align: center;"><b><u>DT</u></b></p> <p><b>Dyson</b> Children are introduced to the design process, developing their analytical skills and helping them to understand the thinking behind the products they use every day. They also learn what a design engineer is – spotting stereotypes and challenging preconceptions</p>	<p style="text-align: center;"><b><u>Spanish</u></b></p> <p><b>My Subjects</b></p> <p>Children ask and answer questions about what school subjects we learn and express likes and dislikes. They use adjectives to provide reasons for their opinions.</p>	<p style="text-align: center;"><b><u>RE</u></b></p> <p><b>Why do some people believe God exists?</b></p> <p>Children look at religious &amp; non-religious groups and beliefs in God. Pupils raise questions about the nature and existence of God focussing on Christian ideas. Pupils consider why people do or don't believe in God and the impact that might have on their everyday life.</p>	<p style="text-align: center;"><b><u>PE</u></b></p> <p><b>Gymnastics</b> Children perform matching moves with a partner in a sequence developing levels, transitions and balances.</p> <p><b>Handball</b> Children develop skills of throwing and catching and develop tactical knowledge to defend and attack. .</p>	<p style="text-align: center;"><b><u>PSHCE</u></b></p> <p><b>Respect</b> Children explore the nature of respect for themselves, others and the environment.</p> <p><b>Pioneering Nurses</b> Children look at Mary Seacote and Florence Nightingale and how they overcame prejudice to help others. They explore discrimination and how it can prevent people from contributing to society. They understand the importance of good hygiene.</p>