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| <p style="text-align: center;"><b>Science</b></p> <p><b>Revision Block B: Sensational Science</b></p> <p>Pupils will explore the more unexpected side to science and see how some things challenge our scientific expectations. Investigate some mind-blowing reactions, sensational space behaviour, fickle forces, crazy creature classifications, and some extraordinary evolution antics.</p> <p>Understand better how the scientific community develops theories and how some science debates will continue for a while to come.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p style="text-align: center;"><b>Mathematics</b></p> <p><b>Multiplication:</b><br/>Multiples, factors and mental strategies<br/><b>Measures:</b><br/>Units of measurement<br/>Area, perimeter, scaled shapes<br/>Finding volumes<br/><b>Multiplication and Division:</b><br/>4-Digit multiplication and division<br/><b>Algebra and ratio:</b><br/>Algebra<br/>Ratio</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p style="text-align: center;"><b>Computing</b></p> <p><b>Code Cracking</b></p> <p>This unit of six lessons introduces pupils to the history of computing and, in particular, how computers were used as code-cracking devices in World War II. Pupils learn about Alan Turing and become code crackers themselves. They then create their own movie about code cracking.</p> | <p style="text-align: center;"><b>English</b></p> <p style="text-align: center;">Revision</p> <p>This Y6 English revision block is designed to provide a truly inspirational term's work. It is divided into nine units that guarantee an exciting and stimulating literary experience, as well as covering the necessary revision, including the grammar, punctuation and spelling for the SPAG tests as well as reading, comprehension and writing.</p> <p>Children will revise all necessary grammar, punctuation and spelling for Y6 SPaG, as well as taking part in reading, comprehension and writing activities following the sequence of selected <i>Greek Myths &amp; Percy Jackson and the Lightning Thief</i>.</p> |
|  <p><b>Spring Term 2 Theme - Frozen Kingdom</b></p> <p>In the Frozen Kingdoms project, your child will learn about the regions of the Arctic and Antarctic. They will learn about the similarities and differences between these two regions, including the climate, landscape and natural resources. They will learn how to use grid references, lines of latitude and longitude, contour lines and symbols to identify the geographical locations of the Arctic and Antarctic, and how these, along with the tilt of the Earth, affect day length and warmth. They will investigate polar oceans to learn how they differ from other oceans on Earth and how climate change increases Earth's temperature and leads to rising sea levels. They will learn about the indigenous people of the Arctic, including how their lives have changed over time, and about the positives and negatives of tourism in Antarctica. They will also learn about classifying animals, animal adaptations and evolution, and polar exploration and discovery.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|  <p style="text-align: center;"><b>Qur'aan</b><br/>Al Hadid<br/><b>RE: Ramadan</b><br/><b>PSHE/RSE:</b></p> <p>Children will learn to understand the role of pressure groups, the value of diversity in society, including significant individuals.</p> <p>They will learn to understand some environmental issues relating to food and food production, understand the importance of caring for others and that we all have a responsibility to care for things and people around us.</p> <p>They will understand what rights are and that freedom of expression is one of these rights. They will learn about the Equality Act 2010 as well as the 9 protected characteristics in detail.</p> <p style="text-align: center;"><b>Arabic:</b><br/>Health and welfare<br/>Vocabulary and sentences related to:<br/>Consulting a doctor, dentist, or chemist, Healthy living and Ramadan</p>                                                                                                                                                             | <p style="text-align: center;"><b>PE:</b></p> <p><b>Outdoor: Netball</b></p> <p>This 'Invasion Games' unit recaps on the fundamental skills needed to play a range of invasion games, such as dribbling with the ball, passing and keeping possession. It also covers attacking skills, such as shooting and changing direction with the ball in football using the drag back and stop turn. Defending skills such as shadowing and tackling are also covered. The unit culminates in the children inventing, playing and evaluating their own invasion games to include elements such as invading/attacking, protecting/defending and a scoring system. There are numerous opportunities for leading others within the lessons through warm-ups, cool-downs and other activities.</p> <p>Children will have the opportunity to take part in individual, paired and small group activities as well as to play a range of team games to enable them to practise and improve their skills.</p> | <p style="text-align: center;"><b>Geography</b></p> <p><b>Frozen Kingdoms</b></p> <p>This theme will teach children about the characteristics and features of polar regions, including the North and South Poles, and includes a detailed exploration of the environmental factors that shape and influence them.</p>                                                         | <p style="text-align: center;"><b>Art</b></p> <p style="text-align: center;">Inuit</p> <p>This topic will teach children about the Inuit way of life, including some of their cultural and artistic traditions. They will make carvings inspired by Inuit art as well as paintings finally leading to making an Inuit stamp based on the Inuit <i>enchanted owl</i>.</p>                                                                                                                                                                                                                                                                                                                                                      |