



MEDIUM TERM PLAN

Summer 2 2017-2018

CLASS: 6

<p>MATHS Use mathematical reasoning to investigate and solve problems, and to estimate and predict; solve problems using doubling, solve calculations with enormous numbers; find out about famous mathematicians including Brahmagupta and John Napier and use their different methods to multiply; use lattice multiplication to solve multiplications of 2-, 3- and 4-digit numbers; begin to compare historical multiplication methods. Explore binary numbers; solve mathematical puzzles; including using multiplication facts, find digital roots and look for patterns; explore Fibonacci sequences and Pythagoras' theorem.</p>	<p>ENGLISH NON-FICTION Develop positive attitudes to reading by increasing their familiarity fiction from the English literary heritage. Discuss similar themes occurring across stories and expressing preferences. Prepare play scripts to be read aloud and performed, using appropriate intonation and volume so that the meaning is clear. Discuss and summarising main ideas and identify key supporting details. Discuss how authors use language, including figurative language, in the books they read, and considering the impact on the reader. Participate in conversations about books that are read to them and those they can read for themselves, building on their own and others' ideas and challenging views courteously. Plan, draft, write, edit and evaluate written work to produce outcomes of a high standard. Identify the audience for and purpose of the writing, selecting the appropriate form for their own writing. Select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning</p>	<p>SCIENCE To review understanding of light and shadow and to explore how light travels. To investigate how we see things through light entering the eyes. To explore how light can be reflected and change direction. To investigate reflections from a variety of surfaces. To be able to plan and carry out an experiment to investigate how shadows behave. To explore the differences between shadows and reflections and consolidate knowledge of how we see things.</p>	<p>History: To learn about Greece and to place the ancient Greek civilisation in time. To learn about the differences between Athens and Sparta and to understand the term 'democracy'. To learn about ancient Greek warfare. To find out about the beliefs of the ancient Greeks.</p>
<p>ICT/COMPUTING Use ICT to research facts and publish/present work in a variety of ways.</p>	<p>The Ancient Greeks Friendship</p>		<p>RE VALUE- Friendship</p>
<p>ART/D&T To be able to use Pop art techniques and layering to create a 3D cityscape. To explore ways in which pillars and beams are used to span gaps.</p>	<p>PE REAL P.E Pacesetters PE with Mr Nick.</p>		<p>PSHE Preparing for transition</p>