



Year 5 Autumn Term 2 Curriculum Newsletter

<p>As Mathematicians we will be:</p> <ul style="list-style-type: none"> • Adding and subtracting whole numbers with more than 4 digits • Using rounding to estimate and check answers • Developing mental addition and subtraction strategies • Using inverse operations • Problem solving using addition and subtraction • Exploring multiples, factors, prime, square and cube numbers. • Multiplying and dividing by 10, 100 and 1000 <p><i>Remember to keep using TTRockstars 3 times per week.</i></p>	<p>As programmers we will be coding through:</p> <ul style="list-style-type: none"> • Using sketch to design a programme and reflect on our designs. • Creating and controlling a game in code that conforms to our design and informs others • Using variables in coding 	<p>As scientists we will be learning about Earth and Space including being able to:</p> <ul style="list-style-type: none"> • Describe the Earth, Moon and Sun as spherical bodies • Compare the sizes and distances in relation to the Earth, Moon and Sun • Understand the Earth's rotation • Investigate shadows and draw conclusions about the sun at different times of the year
<p>As readers we will be:</p> <ul style="list-style-type: none"> • Finding evidence in a text to justify our opinions • Making predictions about plot developments • Identifying the key features of different text types <p><i>Remember to read 4 times a week and ensure your library book is in school every day.</i></p>	<p><u>The Victorians</u> Our BIG QUESTION... How did the Victorians use technology and science to transform lives?</p>	<p>As responsible citizens we will be looking at 'Me and my relationships' by:</p> <ul style="list-style-type: none"> • Recognising the qualities of a good friend • Understanding and demonstrating good communication skills • Exploring life in a diverse society
<p>As writers we will be:</p> <ul style="list-style-type: none"> • Writing for a range of purposes related to our class reader 'Punch' by Barbara Henderson including a diary and a letter. We will also be writing a biography about the Victorian inventor Maria Beasley. • Using a range of devices to build cohesion within our writing. • Using appropriate tenses consistently. 	<p>As theologians and philosophers, we will continue to learn about Stories of Faith by:</p> <ul style="list-style-type: none"> • Exploring bible stories and comparing these with stories from other religions e.g. creation stories, Noah's Ark, story of Joseph and the story of Jacob 	<p>As engineers we will working independently and collaboratively to:</p> <ul style="list-style-type: none"> • Design and build a model life raft • Test our product • Evaluate our product
<p>As historians we will be:</p> <ul style="list-style-type: none"> • Exploring and analysing a wide range of evidence about the past • Investigating and understanding the impact of key Victorian figures such as Louis Pasteur and Joseph Lister. 	<p>As geographers we will be:</p> <ul style="list-style-type: none"> • Studying how human and physical features change over time • Describing and understanding the water cycle, volcanoes and earthquakes • Continuing to develop our mapping skills 	<p>As sportspeople we will be learning how to:</p> <ul style="list-style-type: none"> • Become young leaders • Play competitive games which involve attacking and defending <p><i>Our PE day will continue to be on a Tuesday this term.</i></p>

Wonderful World Book homework is set on Fridays and is due in the following Friday of each week. Spellings are tested on Wednesday afternoons and new spellings are set on Thursdays.