



## Year 5 Curriculum Newsletter

### Spring 2<sup>nd</sup> Half Term

Welcome to the Spring 2nd Half Term! The Year 5 team are looking forward to another exciting half term of learning together. This half term, pupils will be studying *The Promise* by Nicola Davies and persuasive writing in English and following the Power Maths scheme covering multiplication and division, fractions, decimals and percentages, measure, graphs and tables.

Across the wider curriculum, pupils will be learning about volcanoes and earthquakes in Geography, the impact of the Manchester Ship Canal on Warrington in History, and irreversible changes in Materials in Science. In addition, pupils will study data and flat-file databases in Computing, composition linked to the Holi festival in Music, and Creation and Science in RE.

We are looking forward to a fantastic half term ahead!

<p style="text-align: center;"><b><u>MATHS</u></b></p> <p>In Maths this half term, pupils will follow the Power Maths scheme to develop fluency, reasoning and problem-solving skills across a range of topics.</p> <p><b>Multiplication and Division</b>, children will build on prior knowledge to solve more complex calculations, including multi-step problems and using formal written methods.</p> <p>Fractions, pupils will deepen their understanding by comparing, ordering, adding and subtracting fractions, as well as recognising equivalent fractions.</p> <p><b>Decimals and Percentages</b>, children will make links between fractions, decimals and percentages and apply this knowledge to real-life contexts.</p> <p><b>Measure</b>, pupils will learn how to calculate perimeter and area of different shapes and solve practical measurement problems.</p> <p><b>Graphs and Tables</b>, children will interpret and present data, answer questions using data. They will also learn to present their own data in various different graphs and tables.</p>	<p style="text-align: center;"><b><u>ENGLISH</u></b></p> <p>In English this half term, pupils will explore narrative writing through <i>The Promise, by Nicola Davies</i>, focusing on character development, setting descriptions and building atmosphere within their stories.</p> <p>Alongside this, children will create <b>persuasive leaflets</b> based on the theme “<b>Come to our new town</b>”, where they will learn how to present information clearly, use persuasive language and organise their writing to appeal to a specific audience.</p>
<p style="text-align: center;"><b><u>SCIENCE</u></b></p> <p>In Science, pupils will study <b>materials</b> with a focus on <b>irreversible changes</b>. They will discover how heating, mixing and burning can create permanent changes to materials. Children will carry out practical experiments to observe and measure changes of state and understand the science behind these processes.</p>	<p style="text-align: center;"><b><u>COMPUTING</u></b></p> <p>In Computing this half term, pupils will focus on Data and Information through learning about flat-file databases. They will learn how data is organised, stored and searched, and will use search tools to find specific information efficiently.</p>
<p style="text-align: center;"><b><u>HISTORY</u></b></p> <p style="text-align: center;"><b>How did the ship canals change Warrington?</b></p> <p style="text-align: center;">A local history study</p> <p>Pupils will explore how the industrial revolution and the building of the Manchester Ship Canal influenced trade in Warrington</p>	<p style="text-align: center;"><b><u>GEOGRAPHY</u></b></p> <p style="text-align: center;"><b>Volcanoes and Earthquakes</b></p> <p>Investigate the formation and causes of volcanoes and earthquakes, locating the regions of the earth where they predominantly occur and the reasons why they occur there, and their impact on the geography of the locality and the people living within those regions.</p>
<p style="text-align: center;"><b><u>MUSIC</u></b></p> <p>In Music, pupils will create compositions inspired by the festival of colour, Holi.</p> <p>Children will explore how music can represent celebration, emotion and culture. They will experiment with rhythm, structure and instruments to create their own festival-inspired pieces.</p>	<p style="text-align: center;"><b><u>PHYSICAL EDUCATION</u></b></p> <p>Swimming lessons continue this half term. Pupils will also take part in <b>Outdoor Adventure</b> with a focus on leadership skills. Children will work collaboratively to solve challenges, develop communication and teamwork skills, and learn how to lead and support others during group activities. This will help build confidence, resilience and positive sportsmanship.</p>
<p style="text-align: center;"><b><u>ART / DT</u></b></p> <p style="text-align: center;">Art- Drawing and mixed media</p> <p style="text-align: center;"><b>Portraits</b></p> <p>Pupils plan, sketch and create a final composition based on their sketchbook ideas</p>	<p style="text-align: center;"><b><u>RE</u></b></p> <p>Every half term in RE, we explore a key question in RE: <b>Creation and Science – conflicting or complementary?</b> They will learn about Creation and The Fall from a religious perspective and consider how these ideas compare with scientific explanations of how the world began. Pupils will be encouraged to think critically and respectfully about different viewpoints.</p>

### **MESSAGES AND REMINDERS**

Swimming will continue for pupils this half term and will take place on Fridays. The children were fantastic last term remembering their kits and travelling safely to and from the swimming pool. Many pupils really enjoyed their swimming lessons and we are looking forward to continuing these sessions in Spring 2.

We will also be continuing to use the EdShed app to support pupils in securing their spelling knowledge.

Please continue to read with your child regularly and ensure this is recorded in their Reading Diary. Reading Diaries should be brought into school on Friday mornings and will be returned to pupils to take home for the weekend.

Homework remains a very important part of learning in Year 5 and we expect pupils to complete this to support their progress in school. Each week, pupils should complete **45 minutes of Reading Plus**, **Magma Maths tasks**, and **spelling practice**. In addition, Reading Diaries should include **two adult signatures** to confirm that pupils have read their home reading book. Your support in ensuring homework is completed is greatly appreciated and plays a key role in your child's success.

Please continue to check Class Dojo for class updates and photos of our learning. As always, if you have any questions or concerns, please contact me via Dojo and I will respond as soon as possible.

Miss Lloyd