

Year 5

## Spring Overview



Tudor Grange Primary Academy

Yew Tree

<p><b><u>English:</u></b> <b><u>Writing:</u></b> Developing our writing skills using the following texts as stimuli.</p> <p><b><u>Spring 1:</u></b> Kick by Mitch Johnson</p> <p><b><u>Spring 2:</u></b> Refugees Azzi in Between by Sarah Garland</p> <p><b><u>Reading:</u></b> <b>Spring 1: The Boy at the Back of the Class by Onjali Q. Rauf</b></p> <p><b>Spring 2: TBC.</b></p> <p>Children will have daily REAL reading sessions, where they will Relate, Empathise And Listen to a range of carefully selected texts. These texts will reflect a diverse range of voices and characters, have rich lyrical language, and develop pupils' wider knowledge.</p>	<p><b><u>Mathematics:</u></b></p> <ul style="list-style-type: none"><li>• Multiply numbers up to four digits by a 1 or 2-digit number using a formal written method,</li><li>• Divide up to four digits by a 1 digit number using the formal written method</li><li>• Solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes</li><li>• Multiply proper fractions and mixed numbers by whole numbers</li><li>• Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities,</li><li>• Read, write, order and compare numbers with up to 3 decimal places</li><li>• Read and write decimal numbers as fractions</li><li>• Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths</li><li>• Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents</li><li>• Recognise the percent symbol (%) and understand that percent relates to 'number of parts per 100,' and write percentages as a fraction with denominator 100, and as a decimal fraction</li><li>• Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres</li><li>• Calculate and compare the area of rectangles</li></ul>	<p><b><u>Science:</u></b> <b><u>Earth and Space:</u></b> To describe the movement of the Earth, and other planets, relative to the Sun in the solar system. Describe the movement of the Moon relative to the Earth. Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</p> <p><b><u>Forces:</u></b> Children will learn about different types of forces such as gravity, friction, water resistance and air resistance. They will also be introduced to Isaac Newton and learn about his discovery on the laws of gravity. Children will also learn about the use of mechanisms such as levers, gears and pulleys.</p>
<p><b><u>Computing:</u></b></p> <p>Programming</p> <p>Data and Information</p>	<p><b><u>Physical Education:</u></b></p> <p><b><u>Spring 1:</u></b> Badminton Dance</p> <p><b><u>Spring 2:</u></b> OAA Gymnastics</p>	<p><b><u>PSHE (Jigsaw):</u></b> <b><u>Dreams and Goals</u></b> The children will describe the jobs they would like to do when they grow up. Children will think about what they are motivated by and what they would need to do to achieve their dreams and goals. Children will develop age-appropriate skills to support them in their future workplace.</p>

		<p><b>Healthy Me</b> Children will learn about the health risks associated with smoking and alcohol misuse. Children will also put into practice basic emergency aid procedures and know how to get help in emergency situations.</p>	
<p><b>History:</b> <b>Mayans:</b> Children will learn all about the Maya civilisation. Children will also explore the impact and influential achievements the Ancient Mayans have had on the world including the progression of architecture, mathematics, calendar and astronomical systems.</p>	<p><b>Geography:</b> <b>Geographical comparisons: South America and the United Kingdom</b> Children will understand geographical similarities and differences through the study of human and physical geography of a region in the UK and a region within South America.</p>	<p><b>Religious Education:</b> <b>Why is remembering important to Sikhs?</b> Children will learn about the 5Ks, specifically how each is a reminder to Sikhs of how to live their lives and how to behave. <b>Why is Easter so important to Christians?</b> Children will learn that Christians celebrate Easter to remember the great sacrifice that Jesus made. Easter is the Christian festival that celebrates the resurrection of Jesus Christ and his promise of eternal life.</p>	
<p><b>Art and Design:</b> Children will improve their mastery of techniques such as drawing, painting and sculpture with materials. Children will also be taught about the greatest artists, architects and designers in history including famous artist Rachel Ducker.</p>	<p><b>Design and Technology:</b> <b>Monitoring Devices</b> Children will describe what is meant by monitoring devices. They will explore the development of thermometers from thermoscopes to digital thermometers. Children will write and design a program that monitors the ambient temperature and alerts someone when the temperature moves from a specified range.</p>	<p><b>Music:</b> Children will learn to sing, play, improvise and compose the song, Make You Feel My Love, by Bob Dylan and a pop ballad sung by Adele. Children will also listen and appraise other pop ballads.</p>	<p><b>Latin:</b> The children will develop and consolidate their knowledge from last term before progressing to learn about present tense verbs.</p>



*Joy, Love and Respect*