



## Curriculum Overview

Welcome to the second half of the Autumn Term! We are all extremely excited to start our next half term of learning in Year 5. Our main topic this half term is Mission: Space, underpinned by our Aspirations focus: *Curiosity and Creativity*. This will include Science, History, Computing, English, Maths, Speaking & Listening, Wellness, R.E, Design + Technology and Art. The children will also be continuing with Specialism days every other week where they will take part in: Spanish, Life Skills, Music and PE.

<p><u>English</u></p> <p>Linking to our theme of Space, this half term, we are reading the exciting, sci-fi non-fiction text 'Go on a Mission to Mars' by Colin Stuart, as well as a range of other space themed texts. The children will complete a range of writing tasks in two skills and forms:</p> <p>Each learning journey will be focused around the theme of Space.</p> <p>Writing to Inform: a newspaper report SPaG focus -fronted adverbials -expanded noun phrases add detail/description the luxurious, expensive quilt -relative clauses add</p> <p>Writing to Entertain: a first person narrative SPaG focus -fronted adverbials -expanded noun phrases -relative clauses add detail and context. -subordinate clauses colons</p>	<p><u>Maths</u></p> <p>This half term's focus will be:</p> <p><u>Data</u></p> <p>This half term, the children will be solve, make comparison, sum and difference problems using information presented in a line graph. They will also complete, read and interpret information in tables, including timetables.</p> <p><u>Multiplication and division</u></p> <p>Solve problems using known facts, knowledge of factors, primes, squares and cubes and combinations of operations.</p> <p><u>Perimeter and Area</u></p> <p>Calculate and compare the perimeter and area; estimate areas of non-rectilinear shapes.</p> <p><u>Wellness</u></p> <p>This half term's Wellness focus is Living in the Wider World (Being a Responsible Citizen).</p> <p>Children will discuss and debate topical issues concerning health and wellbeing and critique views presented by the media.</p>	<p><u>No Limits Curriculum</u></p> <p><u>Mission:Space</u></p> <p><u>Our Driving Question</u></p> <p>How can we, as astrobiologists determine if life exists beyond Earth?</p> <p><u>Aspiration Focus</u></p> <p>Curiosity and Creativity</p> <p><u>Event Showcase</u></p> <p>Launch of the Alien space craft, including a newspaper report on the event.</p> <p><u>Science</u> – We will look at The movement of the Earth, and other planets, relative to the Sun in the solar system; the movement of the Moon relative to the Earth; the Earth's rotation to explain day and night.</p> <p><u>History</u>- We will be looking at historians and their views on the way in which the Sun, Earth and Moon are approximately spherical bodies. Additionally, during History lessons, the children will explore Ancient Islamic Civilisation and will be exploring and learning about the impact this period had on astronomy.</p> <p><u>Design and technology</u>- We will be designing their own space rocket and focusing on the skill of using a pulley to create movement.</p> <p><u>Art</u>-We will be create a space background using collage.</p> <p><u>Computing</u> We will be focusing on Digital Literacy and talking about key online safety and learn how to demonstrate web savvy awareness.</p>
<p><u>PE</u></p> <p>This half term's PE foci are: <i>Gymnastics, Tag Rugby and Dodgeball</i></p> <p>Children need to bring in their PE kits in on Monday to keep in their locker for the week.</p> <p><i>PE Kit: White polo shirt or house colour Oak Hill branded PE top, black leggings or joggers, black zip up, trainers.</i></p>	<p><u>Contact Details:</u></p> <p>If you have any questions please email the school office. <a href="mailto:office@oakhill-aspirations.org">office@oakhill-aspirations.org</a></p>	<p><u>Homework</u></p> <p>Compulsory weekly homework will include:</p> <p>Reading: Your child should be reading 15 minutes an evening using their Accelerated Reader book from the school library.</p> <p>SPaG, Maths and Reading: Children will receive weekly homework on Google classroom, which needs to be handed in on a Wednesday.</p> <p>TTRS and SumDog: Your child can use these online platforms to practise their skills in Reading, Maths, SPaG and Times Tables.</p> <p>Enrichment Homework: Please see enrichment homework poster for details. It will be based on our Mission:Space.</p> <p>Children who do not complete the compulsory homework will attend lunchtime homework club to allow them to catch up.</p>