

<p><u>Languages, Literacy and Communication (Welsh & MFL)</u></p> <ul style="list-style-type: none"> • Children's Authors • Non – chronological reports • Poetry • Bio/Autobiography • Welsh - learn about Planets using the book <u>O Blaned i Blaned</u>. • Welsh - Write bonfire night poems using the poem <u>Noson Tan Gwylt</u> • Welsh - learn to describe in the third person - <u>Bwystfil</u> • Welsh - a nativity story <u>Edrychwch ar y golau</u> • German - learning how to introduce ourselves and discuss our age, numbers, colours, family members. • Learn about Christmastime in Germany 	<p><u>Maths and Numeracy</u></p> <ul style="list-style-type: none"> • Place value and partitioning • Read and write numbers • Addition and subtraction strategies • Multiply and divide amounts by 10, 100. • Derive complements of 1000 for multiples of 50 and 100 – number line. • Multiplication and Division facts • Measuring length, time and capacity • Properties of 2D and 3D shapes • Presentation and interpretation of data - bar charts, pictograms and tables 	<p><u>Science and Technology</u></p> <p><u>Computing</u></p> <ul style="list-style-type: none"> • Create a database using facts about planets • Create an algorithm on scratch to move a rocket to different planets • Create a space adventure game on Scratch <p><u>Science</u></p> <ul style="list-style-type: none"> • Investigate the structure of the Earth and its layers • Create a stop motion animation • Forces and Gravity 	<p><u>Humanities</u></p> <p><u>History</u></p> <ul style="list-style-type: none"> • Timeline of space exploration (Sputnik, Apollo missions, ISS) • Key figures in space history (Valentina Tereshkova, Neil Armstrong, Mae Jemison, Hidden Figures) • History & Geography: Predicting future space missions and their impact <p><u>Geography</u></p> <ul style="list-style-type: none"> • Climate and terrain comparisons—Earth vs. Mars • Mapping space agencies around the world; understanding Earth's place in the solar system (use <u>digimaps</u> for schools as well as plotting these on a paper map) • Social Studies: International cooperation (NASA, ESA, JAXA)
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Reach for the Stars

Autumn Term 2025

<p><u>Our Locality</u></p> <ul style="list-style-type: none"> • Ethics: Who owns space? Space tourism and colonisation debates • Local Focus: Wales' contributions to science and technology • Research famous Welsh contributors to Space Travel 	<p><u>Expressive Arts</u></p> <p><u>Art</u></p> <ul style="list-style-type: none"> • Investigate marbling techniques to create space-scapes • Planet creations using chalks or pastels <p><u>Music</u></p> <ul style="list-style-type: none"> • Study 'The Planets' by Gustav Holst. • <i>Learn a Solar system song</i> <p><u>Dance</u></p> <ul style="list-style-type: none"> • Create a dance to represent the movements within our Solar System 	<p><u>Health and Wellbeing</u></p> <ul style="list-style-type: none"> • Values & Ethics: Why do humans explore space? Is it worth the cost? • Create a new community on a new planet • Religion & Belief: How different cultures view the stars and cosmos • Space Code of Ethics: Write a list of rules for how humans should behave when exploring other planets. • Jigsaw - learn about rules, responsibilities and rights • Jigsaw - Celebrating differences 	<p><u>Homework</u></p> <ul style="list-style-type: none"> • Family Interview: Ask someone about their memories of historical space events. • Virtual Skywalk: Use a free stargazing app to spot and identify constellations—record what you learn. • Space Pioneer Presentation: Create a slideshow or poster about a lesser-known figure in space history. • Letter to NASA: Write a persuasive letter explaining why you'd make a great astronaut or space researcher. • Dream Journal Entry: Title it "My Journey to the Stars"—describe your future goals and what fuels your curiosity. • Book Review: Read a space-themed book or biography and write a short reflection or review.
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