


<p>Dear Parents & Carers, Here is our Enquiry question for this term. Please use this information to help your child research or find things to bring into class to support our learning. Have fun! Mrs Murphy</p>	 YEARS 5 AND 6 - DOSBARTH MYNYDD	AUTUMN TERM 2019 NASA Astronauts preparing for and carrying out a mission to Mars "WHAT IF there was life on Mars?"
<p>As READERS & AUTHORS we will:</p> <ul style="list-style-type: none"> • Fiction - Science Fiction. Use of Tales from Outer Suburbia by Shaun Tan (<i>Read and analyse a selection of short stories from Tales of Outer Suburbia by Shaun Tan. Explore the structure of short stories and the use of modal verbs and dialogue. Children write a drama based on one they have heard and then a new story in the Shaun Tan-style.</i>) • Narrative, classical poetry - The Spider and the Fly by Mary Howitt (<i>Children explore the language of older poetry and compare modern interpretations. They write dialogue, consider whether the villains really are villainous and write a new poem, based on The Spider and the Fly.</i>) • Non-fiction - Star Wars unit - persuasive writing - adverts and create a new product (<i>children use their reading skills to research the Star Wars universe including jobs and places. They then work in groups to create an advert for a Star Wars planet</i>); • Non-fiction - Formal writing - writing a letter of application (<i>children read a selection of fascinating letters, both formal and informal, from different periods of history. They will focus on resumes in particular, and use the examples from the book to create a CV and covering letter for a job at NASA.</i>) • Non-fiction - Information texts and recounts linked to UFOs (<i>Using the context of UFOs, children explore recounts investigating genuine documents, discussing famous sightings and researching notorious hoaxes Children write a diary entry and create their own hoax UFO photo and report.</i>) 	<p>As MATHEMATICIANS we will:</p> <ul style="list-style-type: none"> • Read, write and compare 6-digit numbers and know what each digit represents; read, write and compare 1-, 2- and 3-place decimal numbers; multiply and divide by 10, 100 and 1000; round decimals to nearest tenth and whole number and place on a number line; convert decimals (up to 3 places) to fractions and vice-versa. • Use mental addition strategies to solve additions including decimal numbers; use column addition to add 5-digit numbers, decimal numbers and amounts of money; solve problems involving number up to 3 decimal places, choose an appropriate method to solve decimal addition. • Convert between grams and kilograms, millilitres and litres, millimetres and centimetres, centimetres and metres, metres and kilometres, and miles and kilometres; revise reading the 24-hour clock and convert 12-hour times to 24-hour; read and write Roman numerals; find time intervals using the 24-hour clock. • Use mental addition, column subtraction and Counting up to solve subtractions of amounts of money and word problems; use mathematical reasoning to investigate. • Use mental multiplication strategies to multiply by numbers such as 4, 8, 5, 25, 19, 29 and 99; revise using short multiplication to multiply 4-digit numbers by 1-digit numbers and use this to multiply amounts of money; solve word problems involving multiplication including two-step problems and finding change; use long multiplication to multiply 3-digit and 4-digit numbers by teens numbers. 	<p>As EXPERTS in RE we will:</p> <p>Follow the 'Come and See' themes of:</p> <ul style="list-style-type: none"> • Loving - Family/domestic church • Vocation and Commitment (Belonging/baptism/Confirmation) • Expectations (loving/Advent/Christmas) <p>Focus week on Judaism</p>

	<ul style="list-style-type: none"> Understand negative numbers; calculate small differences between negative numbers and negative and positive numbers; add and subtract negative numbers. 	
<p>As HISTORIANS we will:</p> <ul style="list-style-type: none"> As part of their training, Astronauts will need to have a good understanding of the history of space travel and previous space missions; 1960's focus linked to the moon landing and the 50th anniversary this year; Space race - looking at the space race between Russia and America; Technological developments of the 1960s; 	<p>As GEOGRAPHERS we will:</p> <ul style="list-style-type: none"> Looking at satellite images of Earth and matching to geographical features; Explore features of planet Earth in order to create a music composition about the planet Scale drawing of a space module and looking at scales on maps including maps of the moon; 	<p>As SCIENTISTS we will:</p> <ul style="list-style-type: none"> Planets - researching different planets and the Solar System and carrying out enquires linked to the planets orbit of the sun; Create a model of the solar system and link to scale numeracy skills Focusing on healthy and nutrition with astronauts - Eatwell Plate, the Heart and fitness, 20:20 vision; Create a database about planets and find information in this; Exploring day and light and seasons in a year; Testing rockets and landers; Creating and carrying out investigations linked to Mars Exploring facts and opinions linked to planets.
<p>As MUSICIANS we will:</p> <p>The children will use Gustav Holst - The Planets as the stimuli to their musical work. This will include:</p> <ul style="list-style-type: none"> Music appreciation and describing pieces of music; Focussing on 'Mars: Bringer of War;' in more depth and creating an ostinato; Creating a piece of music to represent the planet Earth (following on from geographical research of the planet). 	<p>As ARTISTS and DESIGNERS we will:</p> <ul style="list-style-type: none"> Design a logo for the astronaut team Look at how space is portrayed - looking at the work of artist Peter Thorpe Design a space module (link to numeracy and using scale model) Draw what they think a Martian looks like having evaluated various portrayals of space and alien in literature, art and media. 	<p>As WELSH SPEAKERS we will:</p> <ul style="list-style-type: none"> Revise language patterns linked to talking about ourselves and extend these further; Create a presentation about ourselves and share with the class; Write a profile about ourselves; Start to learn the alphabet in Welsh; Listen to and read Welsh stories and magazines.
<p>As COMPUTER SCIENTISTS we will:</p> <ul style="list-style-type: none"> Working with staff from Archbishop McGrath ABMcG - use Microsoft Excel to look at nutrition for astronauts; Create a database with astronauts and pick members for the team; Use Room styler website to create a space module; Mock UFO pictures - linked to English unit on UFOs; Create a space postcard using images online. Scratch coding - moon landing animation 	<p>As PHILOSOPHERS we will:</p> <p>Be exploring a space story that encourages them to think of various philosophical concepts such as:</p> <ul style="list-style-type: none"> Bravery Time Number Beauty <p>Pupils will also use images of space as a stimuli to enquiries and clips from Star Wars movies.</p>	<p>To be HEALTHY and ACTIVE we will:</p> <ul style="list-style-type: none"> Games - Passing and Team games - Rugby Gymnastics - creating sequences using apparatus - focussing on asymmetrical and symmetrical shapes; Carrying out physical activities to help as train as Astronauts. Swimming - November 2019 YEAR 6 - Cycling November 2019