



## Hoo St Werburgh - Medium Term Plan Overview – Octopus and Whale Term 1

	Engage	Develop				Innovate	Express	Express
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Linked Text Love to Read	The Darkest Dark, The Way Back Home, Peep Inside Space, Lift and Look Space, Spaceman, 'Charlie and the Great Glass Elevator' by Roald Dahl							
Phonics/Word/ Spelling Focus	RW Inc	RW Inc	RW Inc	RW Inc	RW Inc	RW Inc	RW Inc	RW Inc
Reading Focus	Use a range of books, posters, photographs, leaflets and websites to find out about the Solar System and the Sun. Make notes using tablets or other technology, creating a digital file to store their notes and ideas.	In groups or pairs, read a range of different Moon-inspired myths and legends such as those about Change, Moon Rabbit, Selene and Luna, Tecciztecatl, Anningan, Mawu, Soma and Rona. Read then retell their chosen story to other groups as clearly as possible. Are there any similarities in the myths and legends? Discuss the similarities and why the Moon appears in so many stories.	Read and share examples of free verse poetry, talking about what they like and dislike and identifying the similarities and differences between them. Read their initial poetry plans and drafts to each other, suggesting ways that they could be improved, referring back to the examples for inspiration. Use dictionaries and thesauri to harvest effective words for their gravity poems.	The legend of Tecciztecatl – Aztec Moon God  Research other moon myths	Read, explore and analyse the front pages of newspapers on the day the Moon landing was reported. Using these reports, sequence the order of events during the landing. Create a Moon landing timeline and share with others to compare findings.	<b>Link to science boffin workshop?</b>  <b>Space Engineers,</b>  <b>Your mission, if you choose to accept it, is to design a rocket for the UK Space Agency. Your rocket will be tested for robustness, aesthetics and height or distance travelled alongside other models, so your test missions are crucial. Make sure you record</b>	Read descriptions of the Vermicious Knids, the shape shifting aliens from Roald Dahl's <i>Charlie and the Great Glass Elevator</i> . Read excerpts to find out what they do and how they look. Discuss their characters and how Roald Dahl makes them interesting to the reader. Begin to draft some descriptive sentences about their own alien.	

						your data accurately so that you can use it as evidence in your presentation to the UK Space Agency.		
Writing Focus	<p>Look at maps of the Solar System, recalling what they know about its planets and stars. Close their eyes and see if they can recall the names and order of the planets!</p> <p>Read examples of a mnemonic system or poem and draft ideas for a mnemonic that will help them remember the order of the planets. The correct letter order is M, V, E, M, J, S, U, N.</p>	<p>Draft ideas for a Moon-based urban myth that explains a real or imaginary phenomenon, such as how the 'man in the Moon' got there, why the Moon is made out of cheese, why a full moon makes you crazy or why we refer to a blue moon. Draft ideas using a plan that includes a description of the setting, a fantastical character or animal, a detailed description of the struggle</p>	<p>Think about times when they have experienced sensations of free falling: perhaps bouncing on a bed or trampoline, riding a rollercoaster, swinging high on a swing, going fast on a roundabout or floating in water. Think about what it felt like and construct sentences based on the sensations of free falling. Use their ideas to start drafting a free verse poem about the sensation of gravity.</p>	<p>To plan a story about the moon</p> <p>To begin a moon story in an interesting way</p> <p>To redraft and use adventurous language in a story</p>	<p>Imagine they are a junior journalist writing an article for the new youth magazine, 'Space Race' on the day of the historic Moon landing. Using their Moon landing timeline, begin to build their report on the events of the day.</p>		<p>use their imagination and images from other graphic literature to construct a visual image of their own alien creature. Use labels and captions to identify different body parts and special features. Outline the characteristics of their alien and describe how they have adapted to suit their home planet.</p>	<p>Develop their initial ideas to write a full character profile of their alien, describing who they are, where they live, what they can do and any special features that enable them to survive in space.</p> <p>Refine and edit their work, reading</p>

		or problem and a creative ending.						through their descriptions and character profiles for any spelling, grammar or punctuation errors that need correction. Write a presentation copy and decorate with fantastical graphic illustrations.
Sp & Li Focus	Watch video and documentary footage of the Solar System, listening carefully for facts and information and sharing these afterwards with others, helping each other to remember. Add new information to their work	Look at images and film of the Moon to inspire a collection of verbs (describing how it moves) and adjectives (capturing how it looks). List each in separate columns and use a thesaurus to see if there are any synonyms that make for	Watch film clips of astronauts experiencing zero gravity. Work together to collect descriptive words and phrases on whiteboards that describe what is happening and how they think the astronauts feel as they drift weightlessly. Work in pairs to construct one or two powerful sentences to		Watch TV documentary footage of the broadcasting of the first man to set foot on the Moon on 20th July, 1969. Discuss what Neil Armstrong meant when he said, 'One small step for a man, one giant leap for		Look at pictures and images of aliens in graphic novels and cartoons. Talk about how they are presented and the kind of things they say and do. Discuss their thoughts about the possibility of life on other	

		more powerful reading.	describe what they have seen.		mankind'. Imagine a conversation between Armstrong and the other astronauts, Collins and Buzz Aldrin.		planets. Define the term 'Goldilocks planet', which describes an Earth-like planet whose conditions are 'just right' to support life. List their ideas for and against the argument that life exists on other planets.	
GPAS	To use good punctuation	Punctuation	nouns	To collect verbs and adjectives about the moon	Verbs and adjectives	Adverbs	adverbs	
Mental Mathematics	Big Maths / times table / number bonds work							
Mathematics	Number and Place value	Addition and Subtraction	Shape and Measure: Time	Multiplication and Division: Times Tables	Shape and Measure:3D shape and Measure	Fractions	Multiplication and Division: Methods	Mixed Operations
Geography		Recognise and describe the physical and human features of places, appreciating the importance of wider geographical location in understanding places.		To explore the geography of the moon				
History			Describe how a		Describe how a			

			significant individual or movement has influenced the UK or wider world.  America's attitude to the 1960's Space Race		significant individual or movement has influenced the UK or wider world.  Sir Isaac Newton and the concept of gravity			
Science	Name the eight planets of the solar system and describe their position and movement relative to the Sun and neighbouring planets.	Describe the key force responsible for planets being spherical.	Explain day and night using the Earth's rotation, correct terminology and a model if required.	Describe what a moon is, how they maintain an orbit around a planet and which planets in our solar system have them.	Take measurements using a range of scientific equipment with increasing accuracy and precision.	Describe the force of gravity, what causes it and how the force of gravity changes (e.g. if we were standing on a different planet).	Record data and results of increasing complexity using scientific diagrams, labels, classification keys, tables, bar and line graphs and models.	Raise different types of scientific questions, and hypotheses.
Art & Design	To design and paint an alien society and its planet	To design and paint an alien society and its planet	To study the portrayal of Aliens in popular culture					
Design & Tech					To design a satellite for a specific purpose	To make a satellite	To make a satellite	
Computing Coding	To know how to be safe when using the internet		To write code that uses random numbers to simulate a dice	To write code that uses random numbers to move a caterpillar in	To write code that uses random numbers to program t	To write code which uses random numbers to make a ball fall from the	To prepare an illustrated talk about an aspect of space.	To prepare an illustrated talk about an aspect of space.

				random directions	wo cars to move at random speeds	top of the screen in a random direction		
RE		To know that people have different ideas about God and beliefs.	To know that people have different ideas about God and beliefs.	To know that Christians believe in God as Father, Son and Holy Spirit (Trinity)	To know that Christians believe in God as Father, Son and Holy Spirit (Trinity)	To know what Jews believe about G-d.	To know what Muslims believe about Allah.	To know what Christians, Jews and Muslims believe about God.
Music		Use musical vocabulary to explain some of the reasons why a piece of music might have been composed.	To create an ostinato	To create an ostinato				
PE (PPA)	Pawel's Scheme of work							
PSHE		Think about differences people have and paying compliments.	Exploring Likes and dislikes and why it is good to be different.	Exploring the word selfish and think about good sharing.	To understand why rules are made.			
Trips/outdoor learning/visitors	Visit Greenwich Planetarium							
Parental Link	Moon Diary	Family Homework.						