



Spring 2 Learning Overview: Is there life out there?



English	Maths	Knowledge Work	PE	French
<p>Our focus text for this half term is based on hybrid texts (mixture of non-fiction text types). We will be analysing different texts throughout the unit and creating a hybrid text inspired by the film 'Avatar'. We will also be exploring metaphors and similes through space poetry.</p>	<p>This half term we will be learning to find equivalent fractions, compare, add and subtract fractions, as well as identifying properties of shape.</p>	<p>The main focus of our topic will be History. We will be exploring the Maya Civilisation, how they settled within the rainforests, their comparison with the Anglo-Saxons, their cultural beliefs and the makeup of their cities.</p>	<p>This term our PE sessions will take place on Monday morning and Wednesday afternoon with Mr Walmsley (Monday Mr Carlisle). Please can you make sure that any earrings and jewellery are taken out before school as we are unable to do this. Our focus this half term will be cricket and tennis.</p>	<p>In French, we will be comparing planets and writing up a comparison in French about two planets. We will be investigating metaphors in French, creating our own and capturing in writing.</p>
PSHE and SMSC	RE	Science	Big Writes	Computing
<p>We be focusing on living in the wider world. This will include exploring what enterprise is and what contributions we can make to the working world.</p>	<p>This half term's question is 'What do we mean by a miracle?'. We will exploring the Christian faith and stories based on miracles from the Bible.</p>	<p>In Science, we will be exploring different forces leading straight from our investigation into Space last half term. This will begin with the force of gravity, then we will explore water-resistance, air-resistance and friction.</p>	<p>Our extended writing will take place every week. There will also be cross-curricular write opportunities regularly.</p>	<p>In computing, we will be 3D modelling on the computers; designing, debugging and analysing our ideas using 3D modelling software.</p>
Promoting Great British Values	Music	DT		
<p>We will be covering British values throughout our topic, focusing on democracy, rule of law, tolerance and mutual respect.</p>	<p>In Music, children will be introduced to 'looping' and exploring how different aspects of music work together.</p>	<p>In DT, we will be designing, making and evaluating a pulley and gear mechanical system to the design brief of creating the next eco-friendly bike!</p>		






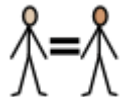






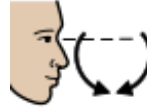

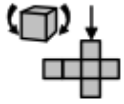
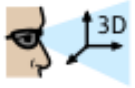



Vocabulary Mat



Please use this vocabulary mat to help your child learn the new vocabulary they need to support them in their current topic.

Year 5 Spring 2- Is there life out there?

Science:		English:		Maths:	
<p>resistance (a force acting on an object or another force)</p>  <p>gravity (the force that attracts objects to the centre of the Earth)</p> 	<p>pivot (the central point on which a mechanism turns)</p> <p>anomaly (something that does not follow the expected pattern or 'norm')</p>	<p>hybrid (a combination of two text types)</p> <p>explanation (explain how or why something works/happens)</p> 	<p>recount (a log of a previous event that has already occurred e.g. a diary)</p>  <p>persuasion (to encourage the reader to listen and agree)</p> 	<p>equivalent (the same in amount and value)</p>  <p>unit fraction (a fraction with 1 as the numerator- top number)</p> <p>non-unit fraction (a fraction with a number higher than 1 as the numerator- top number)</p>	<p>improper fraction (the numerator -top number- is a higher value than the denominator-the bottom number)</p>
History:	PSHE:	RE:		DT:	Computing:
<p>Hieroglyphics (a type of pictorial writing)</p>  <p>abandon (stop using altogether)</p>  <p>Maya Civilisation (a period of time from 2,000 BC- 1697AD)</p>	<p>Enterprise (a project or a business)</p>  <p>Contribution (to offer something to a wider project)</p> <p>Independence (to be able to carry something out on our own)</p> <p>Society (people living together)</p>	<p>miracle (an extraordinary event that has a welcome effect)</p>  <p>resurrection (to return back to life after death)</p>  <p>pilgrimage (a special journey)</p> 	<p>divine (extremely good or pleasing)</p> <p>witness (someone who sees an event)</p> 	<p>mechanism (parts that work together in a machine)</p> <p>axle (a rod that passes through the centre of a wheel)</p>  <p>net (what a 3D shape would look like opened up)</p> 	<p>template (a shape used as a pattern)</p> <p>3D (a shape with width, height and depth)</p>  <p>2D (a flat shape with width and length)</p> 



Spring 2 Homework



Parental support and partnership with school is paramount now more than ever before. We are asking you to support your child with regular, quality learning at home.

	w.c. 24 th February	w.c. 3 rd March	w.c. 10 th March	w.c. 17 th March	w.c 24 th March	
Reading	We will now be changing our books most days. It is an expectation that your child will read at least 3 times a week. Please log your child's reading at home in our new Reading Record books. Ask your child all about our exciting StarBOOKS reading challenge and how they can earn a fabulous treat for reading at home.					
Bedrock	Complete two vocabulary lessons this week. Dojos will be available for the children who complete both lessons.	Complete two grammar lessons this week.	Complete one vocabulary and one grammar lesson this week.	Complete one vocabulary and one grammar lesson this week.	Complete two vocabulary lessons this week.	
Mathletics	Complete the set task for each week that will be available on the Mathletics online platform.					
TTRockstars	Practise the times tables given to you on your TT Target!					
Spellings	Words with root word ending in -fer conferring difference inference preference preferred referee reference referring transference transferring	Words with silent letters knife knight knowledge knuckle mnemonic pterodactyl wreath wreckage wrestler writer	Words with silent letters ascend autumn island lamb build receipt disciple solemn doubt thistle	Challenge words ancient amateur awkward criticise equipment excellent foreign pronunciation symbol yacht		
Challenge	Science Research the biography of Isaac Newton. What theory did he discover? Present this in an interesting way.	World Book Day Get ready to share your favourite story in celebration for World Book Day! create a review of it. Why is it your favourite?	Writing Write a short story about an astronaut stepping on the moon and discovering the effects of no gravity in space.	History Create a head-dress for an Ancient Mayan Queen or King, using recycled materials	Art Recreate a Maya city! This can be 3D or a painting/ drawing.	

