



## Spring 1 Learning Overview: Is there life out there?



English	Maths	Knowledge Work	PE	French
<p>Our focus text for this half term is based on the Sci-Fi narrative of ET. We will be analysing the text throughout the unit with an opportunity to write our Sci-fi build up story as well as space poems.</p>	<p>This half term we will be learning to multiply and divide numbers, 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 Geography. We will be answering the question, why do oceans matter? We will be describing the water cycle, how the ocean is used for human activity and explain how the ocean helps to regulate the Earth's climate and temperature. We will be identifying the Great Barrier Reef and describing it's benefits.</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 gymnastics and football.</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 being responsible and how we look out for others. it will also include discussing and exploring how to deal with peer pressure. We will also be exploring what enterprise is and what contributions we can make to the working world.</p>	<p>This half term's question is 'What might Hindus learn from stories about Krishna?'. We will exploring the Hindu faith and some traditions.</p>	<p>In Science, we will be describing the movement of Earth and other planets in our solar system. We will be describing the movement of the Moon and the Earth's rotation to explain day and night. We will also be exploring the force of gravity.</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 focusing on databases; interpreting databases and creating our own. We will also be creating our own games, analysing other games to then design, create and evaluate our own.</p>
Promoting Great British Values	Music	Art		
<p>We will be covering British values throughout our topic, focusing on democracy, law and respect.</p>	<p>In Music, children will be creating a composition based on the theme of the festival Holi. We will be creating a graphic score and describing how this matches the piece of music.</p>	<p>In Art, we will be explaining what retrofuturism is and using different stimuli to draw from. We will also select and place textures to create a collagraph plate, applying an understanding of the material, which may be supported by testing.</p>		

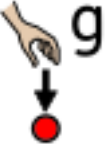




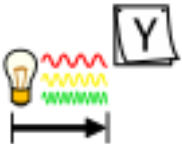















# Vocabulary Mat



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 1- Is there life out there?

<u>Science:</u>		<u>English:</u>		<u>Maths:</u>	
<p><b>Celestial body</b> (any object in outer space)</p> <p><b>gravity</b> (the force that attracts objects to the centre of the Earth)</p> 	<p><b>discovery</b> (finding out something new)</p>  <p><b>evidence</b> (facts and information to validate a belief)</p> 	<p><b>asteroid</b> (a small rocky body orbiting the sun)</p>  <p><b>cosmos</b> (the universe)</p> 	<p><b>Light-year</b> (a distance in space equivalent to 10 years on Earth)</p>  <p><b>Nebula</b> (a cloud of gas and dust in outer space)</p> 	<p><b>equivalent</b> (the same in amount and value)</p>  <p><b>unit fraction</b> (a fraction with 1 as the numerator- top number)</p> <p><b>non-unit fraction</b> (a fraction with a number higher than 1 as the numerator- top number)</p>	<p><b>improper fraction</b> (the numerator -top number- is a higher value than the denominator-the bottom number)</p> <p><b>polygon</b> (a complete shape with straight sides)</p>  <p><b>Vertices</b> (each angular point of a polygon)</p> 
<u>Geography:</u>		<u>RE:</u>		<u>Art:</u>	
<p><b>biodegradable</b> (able to be broken down into harmless products)</p> <p><b>Geology</b> (a part of Science that focuses on the Earth)</p> 	<p><b>decompose</b> (rot and break down over time)</p>  <p><b>current</b> (a body of water moving in a particular direction)</p> 	<p><b>equality</b> (having the same and equal opportunities)</p>  <p><b>Vishnu</b> (a Hindu god)</p>  <p><b>Holi</b> (a Hindu festival)</p>	<p><b>avatar</b> (a deity in human or animal form)</p> <p><b>scripture</b> (a historical literature about Hindu traditions)</p> 	<p><b>Collagraph</b> (a mixture of materials glued together to create a print)</p> <p><b>futuristic</b> (an idea that is based on future designs)</p> 	<p><b>Graphics</b> (the visual images produced)</p>  <p><b>Animation</b> (using still images to show movement)</p> 



# Spring 1 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. 6 <sup>th</sup> January	w.c. 13 <sup>th</sup> January	w.c. 20 <sup>th</sup> January	w.c. 27 <sup>th</sup> January	w.c 3rd February	w.c.10 <sup>th</sup> February
<b>Reading</b>	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.					
<b>Bedrock</b>	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.	Complete two grammar lessons this week.
<b>Mathletics</b>	Complete the set task for each week that will be available on the Mathletics online platform.					
<b>TTRockstars</b>	Practise the times tables given to you on your TT Target!					
<b>Spellings</b>	<b>Words ending in -ably and -ibly</b> comfortably dependably horribly incredibly legibly possibly reliably sensibly terribly visibly	<b>Challenge words</b> accommodate available controversy dictionary marvellous opportunity secretary sincerely suggest twelfth	<b>Words ending in -able</b> agreeable changeable irreplaceable knowledgeable manageable microwaveable noticeable rechargeable replaceable salvageable	<b>Adverbs for when</b> afterwards earlier eventually finally immediately previously recently tomorrow whilst yesterday	<b>Words with root word ending in -fer</b> conferring difference inference preference preferred referee reference referring transference transferring	<b>Words with silent letters</b> knife knight knowledge knuckle mnemonic pterodactyl wreath wreckage wrestler writer
<b>Challenge</b>	<b>Science</b> Design an astronaut! Think about the materials you will need to use. Are the materials hard, soft, flexible or rigid?	<b>Geography</b> Share any pictures you have of a marine environment! This could be a visit to the beach, to the sea life centre or even a holiday pool!	<b>French</b> French pets! Get ready for the quiz of the week all about our pets in French.	<b>Art</b> Create a space piece of art. It could be of the universe, a planet or a space shuttle!	<b>Music</b> Holi is a festival of happiness! Get ready to share a song that makes you feel happy.	<b>PSHE</b> What job do you want when you grow up? What skills do you think you need for it? Create a poster.

