




Spring 1 Learning Overview: If I only had renewable energy?



English	Maths	Geography	PE	Promoting Great British Values
<p>Our themes for this term will be based on classic fiction. Our class novel will be 'the wizard of Oz'. We will also be exploring poetry along the way.</p>	<p>Our topics this half term will be measuring and converting metric measures, learning about ratio and its relationship with fractions, as well as beginning to look and investigate decimal numbers alongside integers.</p>	<p>The main focus of our topic will be Geography. We will be looking at human population and how energy is being used across the globe Key vocabulary: biofuel, coal, consumption, crude oil, emissions, energy source, hydropower, natural gas, non-renewable, nuclear power, Prime Meridian, renewable, solar power, wind power</p>	<p>This term our PE sessions will take place on Monday and Tuesday afternoon. Please can you make sure that any earrings and jewellery are taken out before school as we are unable to do this.</p>	<p>We will be covering British values throughout our topic, focusing on democracy, individual liberty, rule of law, tolerance and mutual respect.</p>
PSHE and SMSC	RE	Science	Big Writes	Computing
<p>This term's focus is 'Working in the Wider World'. We will look at managing our emotions and feelings. We will be looking at how to keep ourselves safe online, social media and legal age restrictions, handling money in real life and online as well as dangers online financially such as gambling.</p>	<p>In RE this term we will be looking at the religion of Islam. Our focus question this half term will be 'what is the Hajj and why is it so important to Muslims?'</p>	<p>Our Science focus this half term is evolution. We will learn about characteristics that are inherited and those that are environmental. Through the eyes of Darwin and Wallace, we will understand how observations lead to theories.</p>	<p>Our extended writing will take place every week. There will also be cross-curricular write opportunities regularly.</p>	<p>This half term, we will be learning about 3D modelling — how digital objects are designed, created, and visualised on a computer. We will look at how 2D shapes can be combined and transformed into 3D designs using modelling software. We will be adjusting size, position, and rotation, and to use digital tools to add texture and colour.</p>
Art	Music			
<p>This half term we will be painting and creating a mixed media art piece. We will produce creative work, exploring ideas and recording our experiences. We will become proficient in drawing, painting and mixed media. We will also evaluate and analyse creative works using artistic vocabulary.</p>	<p>This half term we will be investigating how film soundtrack includes the background music and any songs in a film. We will be looking at 'major' key signatures that use note pitches. We will understand that 'minor' key signatures use note pitches that can suggest sadness and tension. We will know that 'graphic notation' means writing music down using your choice of pictures or symbols but 'staff notation' means music written more formally on the special lines called 'staves'.</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.

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<u>Science:</u>		<u>English:</u>		<u>Maths:</u>	
<p>Evolution - gradual change in living things over generations</p> <p>Adaptation - a feature that helps an organism survive</p> <p>Inheritance - traits passed from parents to offspring</p>	<p>Variation - differences between individuals of the same species</p> <p>Fossil - remains or impressions of ancient life</p> <p>Survival - ability to stay alive in an environment</p>	<p>Setting - where and when the story takes place</p> <p>Language - the style of words used</p> <p>Moral - the lesson taught by the story</p>	<p>Narrator - the voice telling the story</p> <p>Theme - the main idea or message</p> <p>Protagonist - the main character</p>	<p>Ratio - shows the relationship between two amounts</p> <p>Decimal - a number with a decimal point</p> <p>Place Value - the value of a digit based on its position</p>	<p>Metric - a system of measurement using units like mm, cm, m, g, kg, l</p> <p>Convert - to change a value into another unit or form</p> <p>Equivalent - equal in value, even if written differently</p>
<u>Geography</u>		<u>RE:</u>		<u>Computing:</u>	
<p>Renewable - energy that won't run out</p> <p>Solar - energy from the sun</p> <p>Wind - energy made by moving air</p>	<p>Hydroelectric - energy from flowing water</p> <p>Biomass - energy from plants or waste</p> <p>Sustainable - meeting needs without harming the future</p>	<p>Islam - a religion based on belief in one God (Allah)</p> <p>Muslim - a follower of Islam</p> <p>Allah - the Arabic word for God</p>	<p>Hajj - a special pilgrimage to Makkah</p> <p>Pilgrimage - a journey made for religious reasons</p> <p>Kaaba - a holy building at the centre of Makkah</p>	<p>Print (3D)- To create a physical object from a 3D digital design.</p> <p>Scale- The size of a model compared to the real object.</p> <p>Render- To produce a realistic image of a 3D model.</p>	<p>Shape - The outline or form of an object.</p> <p>3D model - A design that shows an object in three dimensions (height, width, depth).</p> <p>Prototype - A first version of a design used for testing.</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. 5 th Jan	w.c. 12 th Jan	w.c. 19 th Jan	w.c. 26 th Jan	w.c. 2 nd Feb	w.c. 9 th Feb	
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.						
Mathletics	Complete the set task for each week that will be available on the Mathletics online platform.						
TTRock stars	Practise the times tables given to you on your TT Target!						
Spellings	Words with the suffix '-ably' adorably, believably, changeably, comfortably, considerably, dependably, noticeably, reasonably, tolerably, valuably	Words with the suffix '-ible' forcible, horrible, incredible, legible, possible, responsible, reversible, sensible, terrible, visible	Words with the suffix '-ibly' forcibly, horribly, incredibly, legibly, possibly, responsibly, reversibly, sensibly, terribly, visibly	Challenge words attached, community, desperate, excellent, hindrance, mischievous, physical, restaurant, sufficient, yacht	Words ending in '-ent' and '-ence' convenience, convenient, difference, different, evidence, evident, excellence, excellent, silence, silent	Challenge words accommodate, available, competition, determined, existence, identity, muscle, prejudice, rhyme, suggest	
Challenge	SATs revision books given out	SATs revision booklet- information given via Dojos	SATs revision booklet- information given via Dojos	SATs revision booklet- information given via Dojos	SATs revision booklet- information given via Dojos	SATs revision booklet- information given via Dojos	