

Long Term Curriculum Map Year 5

2018-2019

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme/Title	Out of this world!	Biomes	Raiders and Traders	Sinking feeling!	Groovy Greeks	Plant Life!
What are our key enquiry questions?	What is the relationship between the Sun, Moon and Earth? What would the world be like if there was no gravity? How could we overcome no gravity?	Why are there different biomes? Why don't certain animals live all around the world? Have we discovered all of the species of animal there are?	What would have happened if the Romans had stayed?	How do you separate salt from salt solution? How much salt can you add to water before it no longer dissolves? Which changes are reversible/irreversible ?	Why were the Greeks important? What were the differences between Athens and Sparta? What legacy have the Greeks left in our society today?	What is a life cycle? Do all plants / animals have the same life cycle? How do we grow?
Hooks – How will we engage the children in a fun way?	Visit to Christchurch Library to learn about stars. Make 3D models of the planets Role play and drama linked to the texts	Planting seeds in different biomes.	Archaeological dig Treasure hunt of artefacts Visit the Red House museum	Visit to the Titanic museum in Southampton	Greek day – children to dress up as ancient Greeks and taste Greek food. Role play and drama linked to texts.	Visit to Blashford Lakes.
How will we celebrate our learning? Who will we share this with?	Blog posts Sharing our stories with Year 2 Displaying work around the corridors an classrooms Class assemblies	Blog posts Sharing work with other year groups	Blog posts Raiders and Traders day Displaying work around the corridors an classrooms Class assemblies	Blog posts Sharing work with other year groups	Displaying work around the corridors an classrooms Class assemblies Blog posts	Blog posts End of term Life Cycle “exhibition”
As writers we will: (Cross curricular)	Read and interpret the story The Jamie Drake Equation <ul style="list-style-type: none"> Write character profiles and consider their interactions Use powerful vocabulary to describe settings Write a narrative set in space 		Read and interpret the story of Beowolf <ul style="list-style-type: none"> Conclude the battle between Beowolf and Grendel Write “The Missing Battle” – Beowlf’s battle against a different monster Write a biography of the Captain of the Titanic Write a diary entry as a passenger on board 		Read and Interpret Who Let the Gods out? <ul style="list-style-type: none"> Create an information text about the influence of the Greeks on modern day life Write a balanced argument discussing whether all Greek inventions were beneficial. Write a description of the power of Greek Gods. 	

<p>As mathematicians we will: (Cross curricular)</p>	<p>Calculate number and place value. Round numbers to the nearest 100,000 Calculate Space and Biome context word problems involving addition, subtraction, multiplication and division. Calculate the distances to each planet Calculate the area and perimeter of particular biomes, such as a rain forest</p>		<p>Calculate word problems involving all four operations Compare and order fractions Recognise, add, subtract and multiply fractions Read and write decimal numbers as fractions Read, write, order and compare numbers with up to 3 decimal places Recognise the % symbol and understand that it relates to parts out of 100 Solve problems involving percentages</p>		<p>Multiply and divide whole numbers and decimals by 10, 100 and 1000 Use all four operations to solve word problems involving measures Identify 3D shapes from 2D representations Distinguish between regular and irregular polygons Estimate and compare angles Draw and measure angles Identify angles at a point, on a straight line and in one whole turn.</p>	
<p>As scientist we will:</p>	<p>Understand location and interaction of Sun, Earth and Moon Interpret and explain the phases of the moon and how the moon affects the earth. Investigate how shadows change the position of the sun Revise the concept that unsupported objects fall to the Earth because of gravity.</p>	<p>Introduce the concept of fair testing. Create a biome in which to grow seeds. Plan, conduct and evaluate which conditions the seeds would thrive.</p>	<p>Identify and explain the effects of gravity, air resistance, water resistance and friction. Then explore how pulleys, levers and gears work and use these to construct a mechanism that would have made life easier for the Anglo-Saxons.</p>	<p>Classify materials according to a variety of properties Understand mixtures and solutions Know about reversible and irreversible changes</p>	<p>Explore how plants and animals have evolved over time since Ancient Greece Study the work and ideas of evolution of the Ancient Greek Philosopher Anaximander.</p>	<p>Explore the life cycles of plants and animals Describe changes as humans develop and mature Describe the life cycle of a mammal, an amphibian, an insect and a bird</p>
<p>As geographers we will:</p>	<p>Understand biomes, vegetation belts, land use, economic activity, distribution and resources Study a region of Europe and of the Americas Understand latitude, longitude, Equator, hemispheres, tropics, polar circles and time zones Identify the hottest and coldest places on earth</p>		<p>Label a map of the world Name and locate counties, cities, regions and features of the UK</p>	<p>Study a region of Europe – Greece and compare its features to that of a region of the Americas. Use 4 and 6 figure grid references on OS maps to go orienteering. Use fieldwork to record and explain ideas – Blashford Lakes.</p>		

As historians we will:	Understand the timeline for the history of the Space Race Explore the history of the International Space Station and Tim Peake's voyage.		Roman withdrawal from Britain Scots Invasion, settlements, kingdoms Viking Invasions Danegold Edward the Confessor	Explore the history of the Titanic, including what made it sink.	A study of Greek life and achievements and their influence on the Western World	
As artists we will:	Explore work by Peter Thorpe and recreate own art in this style. Improve mastery of painting and colour mixing techniques.	Design Christmas cards and have them printed professionally by Cauliflower cards. Abstract animal art: choose an animal to represent.	Design, create and evaluate an Anglo-Saxon brooch	Explore artists of the early 1900s. Look at the opulence of the Upper Class. Create a painting for the Titanic, exploring printing.	Make clay pots Create Greek masks	Artists who paint flowers. Evaluate a range of styles and create own.
As creators we will (D+T)	Make a model of the solar system (sun, moon earth)	Make a biome	Make a Viking longboat. Design a boat of a different shape sturdy enough to hold a given weight. Evaluate.		Explore Ancient Greek inventions and design a new invention for 21 st Century.	Using CAMs, create a mechanical representation of a flower growing.
ICT	Understand how the internet works Create a powerpoint, including animation to describe the work of the ISS Create a database of the different sizes of planets and other information.		Design, write and debug programs using SCRATCH Use sequence, selection and repetition in programs Work with variables and various forms of input and output Use logical reasoning to explain how algorithms work.		Select, use and combine a variety of software on a range of digital devices to design and create a range of programs that accomplish given goals. Write a program with a sequence of instructions Write and debug a game.	
Music	Listen to the music of Gustav Holst to represent different planets Listen to the different instruments of the orchestra and consider their tone and timbre Perform different rhythm patterns Sing a range of Christmas songs and carols.		Listen to music from the past, including chants Create own Viking chants Listen to music that is representing water, such as La Mer (Debussy) and Handel's Water Music. Evaluate effectiveness.		Sing a range of songs to accompany the story of the Heroes of Try, delivered by online vocal coach David Grant Understand staff and other musical notations. Create own Graphic scores using untuned percussion instruments.	
RE	Explore and understand the different stories of creation – comparing different myths and legends.		Explore the Jewish faith. Explain the concepts / events of their festivals, such as Passover and Hannukah		Identify the rituals associated with births, marriages and deaths across a range of different faiths.	
PHSE	Understand the rights and responsibilities for a British Citizen and for being a member of our school. Growth Mindset / Learning Culture Explore bullying – direct and indirect		Describe the dream and goals of a young person in a culture different to mine Describe the different roles food can play in different people's lives Growth Mindset / Learning Culture		Build up self esteem Negotiate compromise within relationships Recognise and resist pressures to use technology in risky or harmful ways Describe how bodies change during puberty.	

