Topic T1	-	d Beyond (Space) veeks)	INFINE AND INFINITION OF THE PARTY OF THE PA			
Кеу	Er	nglish	Maths	Wider Curriculum	Enrichment	Suggested
Texts	Grammar	Reading	Year 5	Wider carriculain	Opportunities	Outcomes
Cosmic by Frank Cottrall Boyce	<ul> <li>To understand the elements of a main clause.</li> <li>To identify and use coordinating conjunctions.</li> <li>To identify and use semi colons, colons or dashes to mark boundaries between independent clauses.</li> <li>To assess the effectiveness of their own and other's' writing.</li> </ul>	<ul> <li>To infer characters' thoughts, feelings and motives from their actions.</li> <li>To provide reasoned justification for their views.</li> <li>To predict what might happen from details stated and implied.</li> <li>To ask questions to improve understanding of a text.</li> </ul>	<ul> <li>Place Value</li> <li>Objectives:         <ul> <li>count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</li> <li>count forwards and backwards with positive and negative whole numbers, including through zero</li> <li>read, write, (order and compare) numbers to at least 1 000 000 and determine the value of each digit</li> <li>read Roman numerals to 1000 (M) and recognise years written in Roman numerals</li> </ul> </li> <li>Addition and Subtraction         <ul> <li>add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</li> <li>add and subtract numbers mentally with increasingly large numbers</li> <li>solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign.</li> </ul> </li> <li>Multiplication and Division         <ul> <li>identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers</li> <li>know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers</li> <li>establish whether a number up to 100 is prime and recall prime numbers to 19.</li> <li>recognise and use square numbers and cube numbers.</li> </ul> </li> </ul>	<ul> <li>Science Objectives:</li> <li>Describe the movement of the Earth and other planets relative to the sun in the solar system.</li> <li>Describe the movement of the moon relative to the Earth.</li> <li>Describe the sun, Earth and moon as approximately spherical bodies.</li> <li>Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</li> <li>Working Scientifically</li> <li>Comparing the time of day at different places on the Earth</li> <li>Create simple models of the solar system</li> <li>Construct simple shadow clocks and sundials</li> <li>Activity Ideas:</li> <li>Make Orrerys</li> <li>Double page spread on research of our solar system</li> <li>Used fruit to understand the relative size of planets</li> <li>Completed a shadow investigation over a day</li> </ul> Art: <ul> <li>To be able to colour match accurately.</li> <li>To be able to colour match accurately.</li> <li>To be able to colour match accurately.</li> <li>To apply learnt skills to create an abstract space scape.</li> </ul> Activity Ideas: <ul> <li>Understood the difference between tints, shades and tones</li> <li>Reinforced the colour wheel with complimentary colours</li> <li>Painted earth from space</li> <li>Created a galaxy picture on board</li> </ul> Computing: <ul> <li>Objectives:</li> <li>Make internet searches with inverted commas to modify and streamline search results</li> <li>Use skills already developed to publish work in a variety of ways</li> <li>Use bullet points and numbering tools</li> </ul>	• Chichester Planetarium (£5pp)	<text><image/><image/><text><text><text></text></text></text></text>



Year 5	PEE SCHOO
<ul> <li>Copy and paste text images thinking carefully about what information is required and what can be left out <u>Activity Ideas</u></li> <li>Publish descriptions of space on Canva (English)</li> <li>Create a space presentation on Canva in small groups</li> </ul>	
PSHE:         Me and My Relationships         • Collaboration Challenge         • Give and Take         • How Good a friend are you?         • Relationships	DT: Homework
Being Assertive     Our Emotional Needs     Communication <u>RE:</u> Pilgimages	To produce a model of the solar system. With added writing from science lessons.
<ul> <li>Identify what makes a place sacred and explain why this might be different for different people.</li> <li>Name places of pilgrimage and describe the significance of these pilgrimages.</li> <li>Compare beliefs about different pilgrimages in different religions.</li> <li>Analyse and explain how pilgrimages are different to</li> </ul>	
<ul> <li>other types of journeys.</li> <li>Explore the thoughts, feelings and experiences of those who undertake a religious pilgrimage.</li> <li><u>Activity Ideas</u> <ul> <li>Double page spread on pilgrimages</li> </ul> </li> <li><u>MFL</u> <ul> <li>Les planetes (The planets)</li> </ul> </li> </ul>	Computing Produce a space presentation on Canva SPACE PRESENTATION TEMPLATE
<ul> <li>Music:         <ul> <li>To identify and move with pulse with ease</li> <li>To name some of the instruments they heard in the songs</li> <li>To identify musical dimensions featured in the songs and where they are used (texture, dynamics, tempo,</li> </ul> </li> </ul>	



Explorers (Adventure)

(6 weeks)

Торіс

**T2** 

Кеу	English		Maths		Enrichment	Suggested
Texts	Grammar	Reading	Year 5	Wider Curriculum	Opportunities	Outcomes
lce Trap by Meredith Hooper The Green Ship by Quentin Blake	<ul> <li>To identify and use a range of persuasive devices.</li> <li>To identify and use expanded noun phrases to convey complicated information concisely.</li> <li>To use a wide range of devices to build cohesion within and across paragraphs.</li> <li>To identify and use nouns and noun phrases as a cohesive device.</li> <li>To identify and use a range of nouns and pronouns to develop cohesion.</li> <li>To identify and use relative pronouns (who, which, where, when, whose, that or with an implied relative pronoun).</li> <li>To use relative clauses (and identify independent clauses): <ul> <li>Fronted adverbials</li> <li>'drop in' clauses</li> <li>As conjunctions</li> </ul> </li> <li>To identify and use adverbs (time, place, manner, degree)</li> <li>To identify and use adverbials for cohesion.</li> </ul>	<ul> <li>To be able to retrieve and record information from a text.</li> <li>To check a text makes sense by discussing the meaning of words in context.</li> <li>Making comparisons within and across books.</li> <li>To participate in discussions about books, building on their own and others' ideas and challenging views courteously.</li> <li>To participate in discussions about books, building on their own and others' ideas and challenging views courteously.</li> </ul>	<ul> <li>Multiplication and Division</li> <li>identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers</li> <li>know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers</li> <li>establish whether a number up to 100 is prime and recall prime numbers to 19.</li> <li>recognise and use square numbers and cube numbers.</li> <li>solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes</li> <li>solve problems, including scaling by simple fractions and problems involving simple rates</li> <li>Fractions</li> <li>Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.</li> <li>recognise mixed numbers and improper fractions and convert from one form to the other.</li> <li>write mathematical statements &gt; 1 as a mixed number.</li> <li>compare and order fractions whose denominators are all multiples of the same number</li> </ul>	Science Objectives: <ul> <li>Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird</li> <li>Describe the life processes of reproduction in some plants and animals</li> <li>Working scientifically</li> <li>Observing and comparing the lifecycles of plants and animals in their local environment with animals and plants around the world – suggesting reasons for similarities and differences</li> <li>Observe changes in an animal over a period f time (hatching and rearing chicks)</li> <li>Comparing how different animals reproduce and grow</li> </ul> <li>Activity Ideas:         <ul> <li>Dissecting a sexually reproduced flower to show male and female parts</li> </ul> </li> <li>Geography</li> <li>Objectives:         <ul> <li>To describe and understand key aspects of physical geography including climate zones, biomes and vegetation belts.</li> </ul> </li> <li>Activity Ideas:         <ul> <li>Create an app page of the different vocab associated with biomes</li> <li>Double page spread of a biome in a bottle</li> <li>Make a biome in a box!</li> </ul> </li> <li>To use a variety of stitching techniques to join fabrics.</li> <li>To invent and modify own recipes including ingredients, methods, cooking times and temperature</li> <li>Activity Ideas:         <ul> <li>Create a fabric journal cover similar to Shackleton's journal</li> <li>Made Christmas cookies after researching flavours and packaging to entice people to enjoy ours</li> </ul> </li>		Science:Making zig zagbooks of differentlife cycles toshow differencesin processes



Topic Overview Year 5				
		Sacred and Secular (Christmas)         Objectives:         •       What does Christmas mean to me         •       Compare my celebrations of Christmas to how Christians celebrate         •       Explain the spiritual significance of Christmas to Christmas to Christians		
		Activity Ideas:       • Six stations of activities around Christmas (Carols, Midnight Mass, Advent, Christingle, Cards and The Wise men)         MFL         • Les habitats (Habitats)		
		PSHE:         Valuing Difference         • Qualities of Friendship         • Kind Conversations         • Happy Being Me         • Diversity         • Is it True?         • It Could Happen to Anyone		



Topic J1		aders? (Vikings) veeks)	year 5			
Key Texts	En Grammar	glish Reading	Maths Year 5	Wider Curriculum	Enrichment Opportunities	Suggested Outcomes
How to Train Your Dragon by Cressida Cowell	<ul> <li>To identify and use prepositions.</li> <li>To punctuate bullet points consistently.</li> <li>To use organisational and presentational devices to structure a text in order to guide the reader.</li> <li>To identify and use parenthesis (brackets, commas, dashes).</li> <li>To understand the difference between facts and opinions.</li> <li>To note and develop initial ideas, drawing on reading and research.</li> <li>To precis longer passages.</li> </ul>	<ul> <li>To summarise the main ideas drawn from more than one paragraph, identifying key details that support the main ideas.</li> <li>To retrieve, record and present information from non-fiction.</li> <li>To distinguish between statements of fact and opinion.</li> <li>To learn a wider range of poetry by heart.</li> </ul>	<ul> <li>Multiplication and Division         <ul> <li>identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers</li> <li>know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers</li> <li>establish whether a number up to 100 is prime and recall prime numbers to 19.</li> <li>recognise and use square numbers and cube numbers.</li> <li>solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes</li> <li>solve problems, including scaling by simple fractions and problems involving simple rates</li> </ul> </li> <li>Fractions         <ul> <li>Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.</li> <li>recognise mixed numbers and improper fractions and convert from one form to the other.</li> <li>write mathematical statements &gt; 1 as a mixed number.</li> <li>compare and order fractions whose denominators are all multiples of the same number</li> </ul> </li> <li>Decimals and Percentages         <ul> <li>read and write decimal numbers as fractions.</li> <li>recognise and use thousandths and relate them to tenth and hundredths</li> <li>round decimals with two decimal places to the nearest whole number and to one decimal place</li> <li>read, write, order and compare numbers with up to three decimal places</li> </ul> </li> </ul>	<ul> <li>Science         Objectives:         <ul> <li>Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.</li> <li>Understand that some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution.</li> <li>Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.</li> <li>Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.</li> <li>Demonstrate that dissolving, mixing and changes of state are reversible changes.</li> <li>Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.</li> </ul> </li> <li>Working Scientifically         <ul> <li>Carrying out tests to answer questions eg Which material would be most effective for insulating a lunch box</li> <li>Compare and observe the changes that take place when burning different materials (wood, bread and marshmallows at Forest School)</li> <li>Research how chemical change have</li> </ul> </li> <li>History (The Viking struggle for the kingdom of England to the time of Edward Confessor)</li> <li>To anderstand that continuity and change occurs over time - add evidence and dates to timeline to represent this.</li> <li>To develop subject related vocabulary e.g. legacy, period</li> <li>To appreciate that there is not always a single answer to historical questions.</li> <li>To understand that continuity and change occurs over time - add evidence and dates to timeline to repre</li></ul>	<ul> <li>Viking dress-up day</li> </ul>	<text></text>



Year 5	PEE SCHOO
To locate countries within Europe with a focus on environmental regions, key physical and human characteristics, countries and other major cities.     To locate countries within Europe with a focus on environmental regions, key physical and human characteristics, countries and other major cities.     To iscribe and understand key aspects of human geography including trade and settlements <u>Activity Ideas:</u> Map of trading in Viking areas. <u>Art Objectives:</u> To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example pencil, charcoal, paint, clay). <u>Activity Ideas:</u> Dragon eye made of clay <u>MFL</u> Les Vikings (The Vikings) <u>PSHE:</u> <u>Keeping Myself Safe</u> Habits     Spot Bullying     Objection Dilemmas     Play, Like, Share     Dirugs True or False? (Smoking What's Normal)     Would you Risk It?	



Topic J2		on, Location (cities) veeks)	Topic Overview Year 5			THE SCHOOL
Key Texts	En Grammar	glish Reading	Maths Year 5	Wider Curriculum	Enrichment Opportunities	Suggested Outcomes
The London Eye Mystery by Siobhan Dowd	<ul> <li>To understand how to identify and apply the perfect tense.</li> <li>To use a consistent and correct use of tense throughout a piece of writing.</li> <li>To use the perfect form of verbs to mark relationships of time and cause.</li> <li>To identify and use a range of verbs.</li> <li>To use the subjunctive mood and verb form.</li> <li>To understand how to use and punctuate direct speech.</li> <li>To understand how to use direct speech to advance action.</li> <li>To describe settings, characters and atmosphere and integrating dialogue to convey character and advance the action.</li> <li>To propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning.</li> </ul>	<ul> <li>To infer characters' thoughts, feelings and motives from their actions.</li> <li>To provide reasoned justification for their views.</li> <li>To understand how authors can use language to convey emotion.</li> <li>To discuss and evaluate how authors use language, including figurative language, considering the impact of the reader.</li> <li>To use evidence from the text to make comparisons.</li> <li>To explain and discuss their understanding of what they have read, including through formal presentations and debates.</li> <li>To consider how the author has developed characters and settings.</li> </ul>	<ul> <li>Decimals and Percentages <ul> <li>Thousandths on a place value chart</li> <li>Order and compare decimals (same number of decimal places)</li> <li>Order and compare any decimals with up to 3 decimal places</li> <li>Round to the nearest whole numbe</li> <li>Round to 1 decimal place</li> <li>Understand percentages</li> <li>Percentages as fractions</li> <li>Percentages as decimals</li> <li>Equivalent fractions, decimals and percentages</li> </ul> </li> <li>Perimeter of rectangles <ul> <li>Perimeter of rectilinear shapes</li> <li>Perimeter of polygons</li> <li>Area of compound shapes</li> <li>Estimate area</li> </ul> </li> <li>Statistics <ul> <li>Draw line graphs</li> <li>Read and interpret line graphs</li> <li>Read and interpret timetables</li> </ul> </li> </ul>	<ul> <li>Science Objectives:         <ul> <li>Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.</li> <li>Identify the effects of air resistance, water resistance and friction, that act between moving surfaces.</li> <li>Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.</li> </ul> </li> <li>Working Scientifically         <ul> <li>Explore falling paper cones or cup cases</li> <li>Design and make a variety of parachutes – carrying out fair tests to determine which designs are most effective</li> <li>Explore water resistance by making boats of different shapes</li> <li>Design and make products that use levers, pulleys, gears and/or springs</li> </ul> </li> <li>Geography Objectives:         <ul> <li>To compare a region in UK with a region in North America with significant differences and locate/name principal cities.</li> </ul> </li> <li>Computer Science:         <ul> <li>Design, write and refine programs that meet a specific brief</li> <li>Use repeat commands and variables to improve the running of a program</li> <li>Continue to debug programs with increased confidence and explain why something has happened by giving examples</li> <li>Begin to write and amend instructions that can be followed by others</li> </ul> </li> <li>Spreadsheets         <ul> <li>Use spreadsheets to help solve problems, collect and enter data, and follow a recipe algorithm</li> </ul> </li> <li>Activity Ideas         <ul> <li>Use barrowfoot</li> </ul> </li> </ul>	<ul> <li>Paulton's Park – forces and computer programming workshop</li> </ul>	<ul> <li>Science/DT: Create a London structure and consider materials use – use Skitch app to annotate.</li> <li>Prototype model of London landmark (London Eye, Big Ben?)</li> <li>Geography: poster/leaflet showing comparisons with a video accompaniment explaining why you should go to North America/London</li> <li><u>RE</u> Non-chronological report about Judaism</li> </ul>



Topic Overview Year 5	CFS
Year 5	THE SCHOOL
Art       Objectives:         • To be taught about great artists, architects and designers in history.         Activity Ideas:         • Look at work of Steven Wiltshire         • Technical Drawing of London Landmark         • Street Artists – graffiti         • Underground maps and signs	
MFL         • La date (The date)         PSHE:         Rights and Responsibilities         • What's the Story         • Fact or Opinion         • Rights Responsibilities and Duties         • Spending Wisely         • Lend us a Fiver         • Local Councils	



Topic C1		ds Out? (Greeks) weeks)	THE CONTRACTOR		
Key Texts	En	glish	Maths	Wider Curriculum	
Who Let the Gods Out? By Maz Evans A play e.g. Hercules	<ul> <li>Fo understand and use the passive and active voice.</li> <li>To understand and use passive and active verbs to affect the presentation of information in a sentence.</li> <li>To use colons (list, link clauses, extended quotes).</li> </ul>	<ul> <li>Reading</li> <li>To predict what might happen from details stated and implied.</li> <li>To identify how language, structure and presentation contribute to meaning.</li> <li>To recommend books that they have read to their peers, giving reasons for their choices.</li> </ul>	<ul> <li>Shape</li> <li>distinguish between regular and irregular polygons based on reasoning about equal sides and angles.</li> <li>use the properties of rectangles to deduce related facts and find missing lengths and angles.</li> <li>recognise, describe and build simple 3-D shapes, including making nets</li> <li><b>Position and Direction</b> <ul> <li>identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed</li> <li>know angles are measured in degrees • estimate and compare acute, obtuse and reflex angles</li> <li>draw and measure them in degrees</li> <li>identify angles at a point and one whole turn (total 360°)</li> <li>identify other multiples of 90°</li> </ul> </li> <li><b>Decimals</b> <ul> <li>read and write decimal numbers as fractions.</li> <li>recognise and use thousandths and relate them to tenth and hundredths</li> <li>round decimals with two decimal places to the nearest whole number and to one decimal place</li> <li>read, write, order and compare numbers with up to three decimal places</li> </ul> </li> </ul>	<ul> <li>Science Objectives:         <ul> <li>Describe the changes as humans develop from birth to old age.</li> <li>RE Objectives:                 <ul></ul></li></ul></li></ul>	



## Enrichment Opportunities

Y5 residential Residential visit Tile Barn Centre 3 days 2 nights

### Suggested Outcomes

### Science-

To create an annotated poster of developmental changes using an image of themselves, aging and young app.



### History:

To create an historical documentary using a green screen.

#### DT:

Greek food recipe cards on a hoop.

#### Art:

Repeated block prints of Greek patterns to frame English work.

### 

# Topic Overview

# Year 5

	7 Edi 5		6 2CM
		Being My Best	
		Getting Fit	
		• It All Adds Up	
		Different Skills	
		Independence and Responsibility	
		Star Qualities	
		Basic First Aid	



Topic C2		ds Out? (Greeks) weeks)	THE CONTRACTOR		
Key Texts	En	glish Reading	Maths Year 5	Wider Curriculum	Ei Op
Who Let the Gods Out? By Maz Evans A play e.g. Hercules	<ul> <li>To use and identify ellipsis.</li> <li>To use hyphens to avoid ambiguity.</li> <li>To use modal verbs to avoid ambiguity.</li> <li>To use modal verbs or adverbs to indicate degrees of possibility.</li> <li>To use commas to clarify meaning or avoid ambiguity.</li> <li>To assess the effectiveness of their own and other's' writing.</li> <li>To propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning.</li> </ul>	<ul> <li>To check a text makes sense by discussing the meaning of words in context.</li> <li>Preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience</li> </ul>	<ul> <li>Pecimals <ul> <li>read and write decimal numbers as fractions.</li> <li>recognise and use thousandths and relate them to tenth and hundredths</li> <li>round decimals with two decimal places to the nearest whole number and to one decimal place</li> <li>read, write, order and compare numbers with up to three decimal places</li> </ul> </li> <li>Negative Numbers <ul> <li>count forwards and backwards with positive and negative whole numbers, including through zero</li> </ul> </li> <li>Converting Units <ul> <li>Volume</li> <li></li> </ul> </li> </ul>	History (Ancient Greece – a study of Greek life and achievements and their influence on the western world) Continuing with History topic from last term Objectives:         • To identify significant changes within and across historical periods studied.         • To select reliable sources of evidence to answer questions about the past.         • To begin to understand the concept of propaganda - Know that people (now and in the past) may represent events in ways that persuade others.         • To describe causes and consequences of the main events, situations and changes in the period studied.         • To develop subject related vocabulary e.g. legacy, period.         Art         Objectives:         • To improve mastery of art and design techniques using a range of materials         Activity Ideas:         Explore ancient Greek patterns and make repeated block prints of these         Geography         Objectives:         • To locate countries within Europe with a focus on environmental regions, key physical and human characteristics, countries and other major cities.         Activity Ideas:         Make a backpacker's guide to Europe         DT         Objectives:         • Cut and join fabric using basic sewing skills Activity Ideas:	• G u fc



### Enrichment Opportunities

Greek Day – dress up, try various foods etc.

### **Suggested Outcomes**

### Science-



To create an annotated poster of developmental changes using an image of themselves, aging and young app.

### History:

To create an historical documentary using a green screen.

### DT:

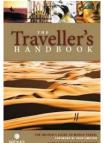
Greek food recipe cards on a hoop.

### Art:

Repeated block prints of Greek patterns to frame English work.



### Geography:



	year 5
	Design and make a purse/bag and use printing skills from previous term to print Greek patterns
	MFL         • A L'Ecole (At school)         PSHE:         Growing Up and Changing         • How are you Feeling?         • Taking Notice of our Feelings         • Changing Bodies and Feelings         • Growing Up and Changing Bodies         • Help I'm aa Teenager!         • Stop, Start, Stereotypes



e sur
Travelling around the world for the backpacker guide (fold out).