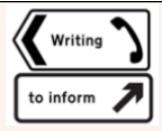
2024-2025

Year 5 LTP	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Experiences/ Opportunities	Greek Day - Portals to the past.		Mayans	Wisley	Ironbridge residential	
Reading	Who let the gods out Who let the gods out Who let the gods out National Geographic: Everything Mythology	You wouldn't want to be a slave in Ancient Greece	The Polar Bear Explorers Club POLAB EXPLORERS AMAZING EXPEDITIONS THE WORLD THE WORLD THE WORLD	Shackleton's Journey SHACKLEION'S JOURNEY Amazing Expeditions: Journeys that changed the world	COG HE ART PETER BUNZL	
	Pupils should be taught to: apply their growing knowledge of root words, prefixes and suffixes both to read aloud and to understand the meaning of new words to					
	Pupils should be taugh	t to maintain positive att	itudes to reading and an u	understanding of what th	ey read by:	

riting	Writing to Inform:	Writing to Inform:	Writing to Inform:				
	*provide reasoned justifications for their v	•					
	topic and using notes where necessary	, ,					
		of what they have read, including through fo	ormal presentations and debates, maintaining a focus on the				
	challenging views courteously	at are read to them and those they can read	for themselves, building on their own and others' ideas and				
	*retrieve, record and present information		for the mealure, building on their arms and athers' ideas and				
		*distinguish between statements of fact and opinion					
		*discuss and evaluate how authors use language, including figurative language, considering the impact on the reader					
	*identifying how language, structure and p	-					
		more than 1 paragraph, identifying key deta	ails that support the main ideas				
	*predicting what might happen from detai	·					
			their actions, and justifying inferences with evidence				
	*asking questions to improve their underst						
		em, discussing their understanding and exp	ploring the meaning of words in context				
	Pupils should be taught to understand wh	•					
	*preparing poems and plays to read aloud to an audience	and to perform, showing understanding the	rough intonation, tone and volume so that the meaning is cle				
	*learning a wider range of poetry by heart						
	*making comparisons within and across bo	ooks					
	*identifying and discussing themes and co	nventions in and across a wide range of wri	ting				
	*recommending books that they have read	to their peers, giving reasons for their cho	ices				
	*increasing their familiarity with a wide ran heritage, and books from other cultures ar		traditional stories, modern fiction, fiction from our literary				
	reading books that are structured in diffe	rent ways and reading for a range of purpos	bes — — — — — — — — — — — — — — — — — — —				



Descriptive writing of Greek gods and mythical creatures

Non-fiction writing based on ancient Greek Life

Structure of ancient Greek myths - planning and writing own Greek myth

Writing to Entertain:



First Person narrative based on Shackleton's Journey Poetry

Writing to Persuade:



Interview process



Writing to entertain:





The Polar Bears Explorers Club Non-chronological reports Newspaper report



Information text on Zeppelins Inventions:

Whitby Abbey: Setting description

Writing to entertain:



Cogheart writing opportunities

Writing to Persuade:



Blists Hill Radio adverts Formal Letter writing: Ironbridge

	Letter of application					
SPAG	SPAG Focus:		SPAG Focus:		SPAG Focus:	
STAG	Word Converting nouns or adjectives into verbs using suffixes (–ate; –ise; –ify) Verb prefixes (dis–, de–, mis–, over– and re–) Sentence Relative clauses beginning with who, which, where, when, whose, that Indicating degrees of possibility using adverbs (perhaps, surely) Modal verbs (might, should, will, must) Text Devices to build cohesion within a paragraph (then, after that, this, firstly) Linking ideas across paragraphs using adverbials of time Punctuation Brackets, dashes or commas to indicate parenthesis Use of commas to clarify meaning or avoid ambiguity		Word Converting nouns or adjectives into verbs using suffixes (–ate; –ise; –ify) Verb prefixes (dis–, de–, mis–, over– and re–) Sentence Relative clauses beginning with who, which, where, when, whose, that Indicating degrees of possibility using adverbs (perhaps, surely) Modal verbs (might, should, will, must) Text Devices to build cohesion within a paragraph (then, after that, this, firstly) Linking ideas across paragraphs using adverbials of time Punctuation Brackets, dashes or commas to indicate parenthesis Use of commas to clarify meaning or avoid		Word Converting nouns or adjectives into verbs using suffixes (-ate; -ise; -ify) Verb prefixes (dis-, de-, mis-, over- and re-) Sentence Relative clauses beginning with who, which, where, when, whose, that Indicating degrees of possibility using adverbs (perhaps, surely) Modal verbs (might, should, will, must) Text Devices to build cohesion within a paragraph (then, after that, this, firstly) Linking ideas across paragraphs using adverbials of time Punctuation Brackets, dashes or commas to indicate parenthesis Use of commas to clarify meaning or avoid	
Maths	Place Value Addition and Subtraction Multiplication and Division Fractions A -		Multiplication and Division Fractions B Decimals and percentages Perimeter and area Statistics		Shape Position and Direction Decimals Number - negative numbers Converting units Measurement - Volume	
Science	Earth, Moon and Sun The planets orbit and rotation	Sound • Find patterns between the pitch of a sound and features of	Materials *Compare and group together everyday materials based on	Forces Magnets *Describe magnets as having two poles.	Life Cycles- Reproduction - plants *To understand plants:	<u>Life Cycles-</u> <u>Reproduction -</u> <u>animals and insects</u>

Distance from the sun (and what this means), number of moons etc Answer questions/give information about the scientists who first observed the Earth's movement around the sun. To understand that the Earth rotates on its axis. Describe the movement of the earth relative to the sun (rotation) Understand that the earth revolves around the sun. Describe the movement of the earth relative to the sun (revolution) Understand why the effect of the earth's movement on season is more acute at the equator. Explain why the moon's movement affects the tides of oceans and seas on

earth.

the object that produced it.
• Find patterns between the volume of a sound and the strength of the vibrations that produced it.
• Recognise that sounds get fainter as the distance from the

sound source

increases.

evidence from comparative and fair tests, including their hardness, solubility, conductivity (electrical and thermal), and response to magnets. *Understand how some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution. Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. *Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. *Demonstrate that dissolving, mixing and changes of state are reversible changes. * Explain that some changes result in the

formation of new

* Predict whether two magnets will attract or repel each other, depending on which poles are facing. **Forces** * Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. * Identify the effect of drag forces, such as air resistance, water resistance and friction that act between moving surfaces. *Describe, in terms of drag forces, why moving objects that are not driven tend to slow down. * Understand that force and motion can be transferred through mechanical devices such as gears, pulleys, levers and springs. *Understand that some mechanisms including levers,

pulleys and gears,

allow a smaller force

the function of each part of the flower. *Relate the life cycle of a plant to that of other living things e.g. animals *Draw and describe the process of reproduction in some plants. *Explain the similarities and differences between the process of reproduction in plants and animals. *Describe the different processes of seed dispersal used by a plant during its life cycle.





*Describe the changes as humans develop to old age. *Draw and describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. *Compare and contrast the life cycles of different living things. Explain similarities and differences. *Relate the reproduction of plants to knowledge of the life cycle of insects/birds/mamma *Identify how animals and plants are adapted to suit their environment in different ways and how that adaptation may lead to evolution. *Describe how animals and plants are suited to the environments in

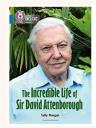
which they

are found.

Explain how we can predict times of high and low tide.
Children to learn the names and phases of the moon.
Phases of the moon



The moon's movement in relation to the sun





Planeterium

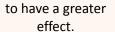


100 things to know about space





materials, and that this kind of change is not usually reversible, including changes associated with burning, oxidisation and the action of acid on bicarbonate of soda.





*Illustrate how animals and plants adapt to environments in different ways.

*Compare and contrast different types of adaptation.

*Explain and give examples of the idea of adaptation.

*Explain why may lead to evolution.

Geography	South America	<u>Biomes</u>	Guildford/Ironbridge
			Use different types of
	Understand some of	Identify and describe	fieldwork sampling
	the reasons for	the geographical	(random and
	geographical	significance of	systematic) to
	similarities and	latitude, longitude,	observe, measure and
	differences between	Equator, Northern	record the human and
	countries.	Hemisphere, Southern	physical features in
	Name and locate the	Hemisphere, the	the local area. Record
	countries of South	Tropics of Cancer and	the results in a range
	America and identify	Capricorn, Arctic and	of ways. (Ironbridge
	their main physical and	Antarctic Circle, and	shop and visitor
	human characteristics.	time zones (including	survey)
	Human characteristics.	day and night).	
	S. America: location		
	compared to Europe	Biomes and climate	- Investigate: possible
	pg.172	zones - Tundra & Taiga	'deep'
	- S. America climate		or 'advanced' task
	zones	Ocean Currents	
	- S. America countries		Analyse and give
	- S. America:	Map features	views on the
	population /	4.6	effectiveness of
	rivers / mountains	4 figure grids	different geographical
			representations of a
	Describe and		location (such as
	understand key aspects		aerial images
	of:		compared with maps
	human goography		and topological maps
	human geography, including: settlements,		- as in London's Tube
	land use, economic		map).
	activity including trade		
	links, and the		Use the eight points
	distribution of natural		of a compass,
	resources including		four-figure grid
	resources including		references, symbols
			and a key (that uses

		energy, food, minerals, and water supplies.			standard Ordnance Survey symbols) to communicate knowledge of the United Kingdom and the world.
History	Ancient Greece How was Ancient Greek life different from our own? What effect did it have on the western world? • Give a broad overview of life in Britain from mediaeval until the Tudor and Stuarts times. • Compare some of the times studied with those of the other areas of interest around the world. • Describe the social, ethnic, cultural or religious diversity of past society. Describe the main changes in a period of history (using terms such as: social, religious, political,		The Maya What was everyday life like in the Maya civilisation compared to the Saxons and how do we know? Who was the better civilization: the Vikings, or the Maya? • Compare some of the times studied with those of the other areas of interest around the world. • Describe the social, ethnic, cultural or religious diversity of past society. Describe the main changes in a period of history (using terms such as: social, religious, political, technological and cultural). Use appropriate historical vocabulary	Victorians What were the benefits and disadvantages of the Industrial Revolution? • Identify periods of rapid change in history and contrast them with times of relatively little change. industrial Revolution Use literacy, numeracy and computing skills to an exceptional standard in order to communicate information about the past. • Use original ways to present information and ideas. Victorians, innovations and industry (Home investigation) Use appropriate historical vocabulary to communicate, including:	

			$\overline{}$
technological and	to communicate,	• dates	
cultural).	including:	• time period	
Use appropriate	• dates	• era	
historical vocabulary	• time period	• chronology	
to communicate,	• era	• continuity	
including:	• chronology	• change	
• dates	• continuity	• century	
• time period	• change	• decade	
• era	• century	• legacy.	
• chronology	• decade		
• continuity	• legacy.		
• change			
• century	• Use literacy,		
• decade	numeracy and		
• legacy.	computing skills to an		
	exceptional standard		
• Use literacy,	in order to		
numeracy and	communicate		
computing skills to an	information about the		
exceptional standard	past.		
in order to	Use original ways to		
communicate	present information		
information about the	and ideas.		
past.	ana racasi		
Use original ways to			
present information			
and ideas.			
An encyclopedia of gods, monsters, and mortals from ancient Greece			
ANYEHULOGICA			
Street September 1			

Art	Lorien Stein	Mayan Artist	Charles Rennie
	Develop Ideas		Mackintosh
		Develop Ideas	Sculpture
	Develop and		Develop Ideas
	imaginatively extend	Develop and	Doubles ideas from
	ideas from starting	imaginatively extend	Develop ideas from
	points throughout the	ideas from starting	starting points
	curriculum.	points throughout the	through the curriculum.
	curriculum.	curriculum.	curriculum.
	Collect information,	Collect information,	Collect information,
	sketches and resources	sketches and	sketches and
	and present ideas	resources and present	resources.
	imaginatively in a	ideas imaginatively in	Adapt and refine
	sketchbook.	a sketchbook.	ideas as they
			progress.
	Use the qualities of	Use the qualities of	
	materials to enhance	materials to enhance	Explore ideas in a
	ideas.	ideas.	variety of ways.
	Spot the potential in	Spot the potential in	Comment on artworks
	unexpected results as	unexpected results as	using visual language.
	work progresses.	work progresses.	
			Master Techniques
		Master Techniques	
	Taking inspirations		<u>Sculpture</u>
	from the greats	<u>Painting</u>	
			Show life-like qualities
	Give details (including	Sketch (lightly) before	and real-life
	own sketches) about	painting to combine	proportions or, if
	the style of some	line and colour.	more abstract,
	notable artists.		provoke different
		Create a colour	interpretations.
	Show how the work of	palette based upon	
	those studied was	colours observed in	
	influential in both	the	
		natural or built world.	

		T
society and to other		Use tools to carve and
artists.	Use the qualities of	add shapes, texture
	watercolour and	and pattern.
Create original pieces	acrylic paints to create	
that show a range of	visually	Combine visual and
influences and styles.	interesting pieces.	tactile qualities.
Focus Artist:	Combine colours,	Use frameworks (such
Lorien Stern	tones and tints to	as wire or moulds) to
	enhance the mood of	·
	a piece.	provide stability and
		form. Modrock
	Use brush techniques	flowers
	and the qualities of	
	paint to create	Taking inspirations
	texture.	from the greats
	Develop a personal	Give details (including
	style of painting,	own sketches) about
	drawing, based on	the style of some
	ideas from other	notable artists.
	artists.	
		Show how the work of
	Taking inspirations	those studied was
	from the greats	influential in both
		society and to other
	Give details (including	artists.
	own sketches) about	
	the style of some	Create original pieces
	notable artists.	that show a range of
		influences and styles.
	Show how the work of	, , , , , , , , , , , , , , , , , , ,
	those studied was	Focus Artist: Charles
	influential in both	Rennie -Mackintosh
	society and to other	
	artists.	
	artists.	

		Constantiation of the constant	
		Create original pieces	
		that show a range of	
		influences and styles.	
		Facus Autist Day	
		Focus Artist: Dan	
		Fenelon	
DT	Ancient Greece -	Shackleton - making	<u>Ironbridge - make</u>
וטו	marble labyrinths	energy bars for a	
			cloth bags to carry
	Construction	polar scientist.	<u>Jackfields tiles.</u>
	Take inspiration from	Food	
	•	Take inemiration from	Textiles and Materials
	design throughout	Take inspiration from	Tales in an institut from
	history.	modern day design	Take inspiration from
	a Look at ald factioned	a Taka inaniwatian	design throughout
	Look at old fashioned	Take inspiration	history.
	marble maze games,	from existing products	
	what helps them to	(energy bars).	Examine examples
	work (gravity)? what is	Examine packaging,	of soft cloth bags
	appealing? Colour?	taste the items. Think	from victorian era.
	design? Complexity?	about a product's	What stitching was
		purpose, the users	used? What material?
		and how it is	Why is it effective?
	Master Practical Skills	designed.	what could be
	Develop a range of		improved?
	practical skills to create	Master Practical Skills	
	products (such as		Look at more
	cutting, drilling and	Demonstrate a	modern day examples
	screwing, nailing,	range of baking and	of bags/purses. Pay
	gluing, filing and	cooking techniques.	attention to
	sanding).		fastenings, stitching,
		Understand the	material etc.
		importance of correct	
	Design, make, evaluate	storage and handling	Master Practical Skills
	and improve	of ingredients (using	in action in action of the
		knowledge of	Cut materials with
		micro-organisms).	precision and refine
		Illicio-organisms).	precision and refine

Make labyrinths. Wooden structures. Develop a range of practical skills to create products (such as cutting, drilling and screwing, nailing, gluing, filing and sanding) Assess the effectiveness of the product, evaluate and think about changes that could be made to improve	Measure accurately and calculate ratios of ingredients to scale up or down from a recipe. Design, make, evaluate and improve Create and refine recipes, including ingredients, methods, cooking times and temperatures. Taste and assess flavour, energy giving properties, ease of cooking, changes to product or to the process of making it.	the finish with appropriate tools (such as sanding wood after cutting or a more precise scissor cut after roughly cutting out a shape). • Choose appropriate tools to cut and shape (such as the nature of fabric may require sharper scissors than would be used to cut paper). • Create objects (such as a cushion) that employ a seam allowance. • Join textiles with a combination of stitching techniques (such as back stitch for seams and running stitch to attach decoration). Design, make, evaluate and improve
		Design, make,

						 Choose appropriate tools to cut and shape (such as the nature of fabric may require sharper scissors than would be used to cut paper). Use precise measurements to ensure the bag is fit for purpose.
						Assess/evaluate effectiveness of item created. suggested changes to improve the item).
Computing	Search engines (5 lessons) Learning about how page rank works and how to identify inaccurate information.	Programming music (5 lessons) Sonic Pi Building-on programming and music skills to create different sounds, beats and melodies which are put to the test with a Battle of the Bands performance!	Mars Rover 1 (5 lessons) Learning about the Mars Rover, exploring how and why it transfers data including instructions, and how messages can be sent using binary code.	Micro:bit (5 lessons) Creating algorithms and programs that are used in the real world. Using the 'predict, test and evaluate' cycle to create and debug programs with specific aims.	Stop motion animation (5 lessons) Creating animations, storyboard ideas and decomposing a story into small parts before putting it together to create the illusion of a moving image.	Mars Rover 2 (5 lessons) Exploring how the Mars rover: moves, follows instructions, collects and sends data; understanding how computers work, what data is and how it is transferred.
	Online Safety Online protection	Online Safety Online communication	Online Safety Online reputation	Online Safety Online bullying	Online Safety Online health	Online Safety
PE	Cricket	Netball	Sportshall athletics	Dance	Athletics	Tennis

	Choose and	Choose and combine	Show control in take	Choose and	Combine sprinting	Choose and
	combine techniques in	techniques in game	off and landings when	combine techniques in	with low hurdles over	combine techniques
	•	, ,	1	'		
	game situations	situations (running,	jumping.	game situations	60 metres.	in game situations
	(running, throwing,	throwing, catching,	Th	(running, throwing,	Character has	(running, throwing,
	catching, passing,	passing, jumping and	Throw accurately	catching, passing,	• Choose the best	catching, passing,
	jumping and kicking,	kicking, etc.).	and refine	jumping and kicking,	pace for running over	jumping and kicking,
	etc.).		performance by	etc.).	a variety of distances.	etc.).
		Work alone, or with	analysing technique			
	Work alone, or with	team mates in order to	and body shape	Work alone, or with	Throw accurately	Work alone, or with
	team mates in order	gain points or	(medicine ball and soft	team mates in order	and refine	team mates in order
	to gain points or	possession.	javelin).	to gain points or	performance by	to gain points or
	possession.			possession.	analysing technique	possession.
		 Field, defend and 	Compete with		and body shape	
	Field, defend and	attack tactically by	others and keep track	 Field, defend and 	(shotput and howler).	Use forehand and
	attack tactically by	anticipating the	of personal best	attack tactically by		backhand when
	anticipating the	direction of play.	performances, setting	anticipating the	Compete with	playing racket games.
	direction of play.		targets for	direction of play.	others and keep track	
		Choose the most	improvement.		of personal best	Field, defend and
	Choose the most	appropriate tactics for		Choose the most	performances, setting	attack tactically by
	appropriate tactics for	a game.		appropriate tactics for	targets for	anticipating the
	a game.			a game.	improvement.	direction of play.
		 Uphold the spirit of 				
	 Uphold the spirit of 	fair play and respect in		 Uphold the spirit of 		Choose the most
	fair play and respect in	all competitive		fair play and respect in		appropriate tactics for
	all competitive	situations.		all competitive		a game.
	situations.			situations.		
		 Lead others when 				 Uphold the spirit of
	 Lead others when 	called upon and act as		 Lead others when 		fair play and respect
	called upon and act as	a good role model		called upon and act as		in all competitive
	a good role model	within a team.		a good role model		situations.
	within a team.			within a team.		
Dance	Compose creative and	I I imaginative dance seque	nces.			
	·	-				
	Perform expressively a	and hold a precise and stro	ong body posture.			

	Perform and create complex sequences.							
	• Express an idea in original and imaginative ways.							
	Plan to perform with high energy, slow grace or other themes and maintain this throughout a piece.							
	• Perform complex moves that combine strength and stamina gained through gymnastics activities (such as cartwheels or handstands).							
PSHE	Physical health and wellbeing: In the media. In the media Pupils learn: that messages given on food adverts can be misleading the risks associated with an	Identity, society and equality: Stereotypes, discrimination and prejudice. Stereotypes, discrimination & prejudice Pupils learn: about stereotyping, including gender stereotyping workshop from Diversity Role Models or Equaliteach about prejudice and discrimination and how this can make people feel	Keeping safe and managing risk: Making safer choices. Managing safer choices Pupils learn: about keeping safe online That people sometimes behave differently online, including by pretending to be someone they are not. That the same principles apply to online relationships as to face-to-face	mental health and emotional wellbeing: Dealing with feelings. Dealing with feelings Pupils learn: about a wide range of emotions and feelings and how these are experienced in the body about times of change and how this can make people feel about the feelings associated with loss, grief and bereavement	Drug, alcohol and tobacco education: Different influences. Different influences Pupils learn: about the risks associated with smoking drugs, including cigarettes, e-cigarettes, shisha and cannabis about different influences on drug use – alcohol, tobacco and nicotine products strategies to resist pressure from others about whether to use drugs –	Careers, financial capability and economic wellbeing: Borrowing and earning money. Puberty Lesson1 Talking about puberty Lesson 2 Reproductive system Lesson 3 Help and support Careers, financial capability & economic well being Borrowing & Earning		
	inactive lifestyle (including obesity). how to recognise early signs of physical illness, such as weight loss, or unexplained changes to the body. about role models about how the media		relationships, including the importance of respect for others online including when we are anonymous How to critically consider their online friendships and sources of information		smoking drugs and alcohol	money Pupils learn: that money can be borrowed but there are risks associated with this about enterprise what influences people's		

	can manipulate		including awareness of			decisions about
	images and that these		the risks associated			career
	images may not		with people they have			
	reflect reality		never met. How			
			information and data			
			is shared and used			
			online. How to be a			
			discerning consumer			
			of information online			
			including			
			understanding that			
			information from			
			search engines, is			
			ranked, selected and			
			targeted. where and			
			how to report			
			concerns and get			
			support with issues			
			online. that violence			
			within relationships is			
			not acceptable about			
			problems that can			
			occur when someone			
			goes missing from			
			home			
Music	English Folk Song		O Euchari, <u>Hildegard</u>	Rondo alla Turca,	Night on a Bare	Bolero, Ravel (20th
Yellow = Listening	Suite, <u>Vaughan</u>	This Little Babe from	(Early)	Mozart (Classical)	Mountain,	Century)
	Williams (20th	Ceremony of Carols,	Hallelujah from	Symphony No. 5,	<u>Mussorgsky</u>	For the Beauty of the
	Century) Symphonic	Britten (20th Century)	Messiah, <u>Handel</u>	Beethoven (Classical)	(Romantic)	Earth, Rutter (20th
	Variations on an	Jai Ho from Slumdog	(Baroque)		Mars from The	Century)
	African Air,	Millionaire, <u>A. R.</u>	Music led by outside	Music led by outside	Planets, <u>Holst</u> (20th C	Night Ferry, <u>Anna</u>
	Coleridge-Taylor (20th	Rahman (21st Century)	agency - dancing and	agency - dancing and	entury)	Clyne (21st Century)
	Century)		singing techniques	singing techniques		Music led by outside
	Music led by outside	Music led by outside				agency - dancing and
	agency - dancing and	agency - dancing and				singing techniques
	singing techniques	singing techniques				

RE	How did the church begin?	Why should Hindus have a good life?	What do Christians believe about creation? (unit coming)	Why is the idea of Rescue so important to Christians?	Music led by outside agency - dancing and singing techniques What helps Muslims to live a good life?	What can be done to reduce racism? Can RE help? OR Is life a journey?
Forest School/ Outdoor Learning	Fire circle safety and FS rules. Mud exploration Bug hunting	Leaf art Tool use Seasonal changes	Shelter building Tracking	Bird feeders Wild art Plant it, grow it, eat it	Plant it, grow it, eat it Stick exploration Tool use	Seasonal changes Fire lighting