Year 5 Curriculum Overview 2022-2023

	Year 5						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
Topic	Pharaohs!	Star Gazers	Offer with Her head!	Groundbreaking Greeks!	Earth Matters / John Bunyan	Scream Machines	
Values Year 1	Generosity	Compassion	Courage	Forgiveness	Friendship	Respect	
Values Year 2	Thankfulness	Trust	Justice	Perseverance	Service	Truthfulness	
Maths Whiterose	Place Value Roman Numerals Addition and Subtraction	Number: Multiplication & Division Fractions A	Multiplication and Division Fractions B	Decimals and percentages Perimeter and area Statistics	Geometry: property of Shape Geometry: Position and direction Decimals	Negative numbers Measurement: converting units Measurement: Volume	
Reading VIPERS	A series of unfortunate events Book 1 by Lemony Snicket	The Iron Man by Ted Hughes Hidden Figures by Margot Lee Shetterly	Everything about Castles! Treason by Berlie Doherty	Who let the Gods out by Maz Evans	A Pilgrim's Progress by John Bunyan The Iron Woman by Ted Hughes	The Spiderwick Chronicles by Holy Black	
Writing	Chronological reports Instructions Mystery Play scripts Fact files	Descriptive writing Mnemonics Diary Science fiction – adventure story	Poetry and riddles Biographies Newspaper reports Persuasive letters Character descriptions	Grammar Personification poems Journals Letter Persuasive speech	Narrative poetry Persuasive arguments Information texts Short stories – fantasy writing	Design a theme park – Advertisements Poetry Short narrative with dialogue Signage Non-fiction books	
Science	Living things and their habitats -describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird -describe the life process of	-describe the movement of the Earth and other planets relative to the sun in the solar system -describe the movement of the	Properties and changing materials -compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical	Changing materials part 2 -give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including	Animals including humans -describe the changes as humans develop to old age	Forces -explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object	

	reproduction in some plants and animals	moon relative to the Earth -describe the sun, Earth and moon as approximately spherical bodies -use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky	and thermal), and response to magnets -know that 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 -demonstrate that dissolving, mixing and changes of state are reversible changes -Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs	metals, wood and plastic -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		-identify the effects of air resistance, water resistance and friction, that act between moving surfaces -recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect
Science	-Report and present results, in oral and w	findings from enquiries vritten forms such as di	to answer questions, incl s, including conclusions, of splays and other present used to support or refute	causal relationships an ations.		•
Computing	-Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and program.	Coding using Purple Mash & Scratch Jnr -Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems;	-Use sequence, selection and repetition in programs; work with variables and various forms of input and output.	Databases and concept maps -Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in	Online safety -Understand computer networks, including the internet; how they can provide multiple services, such as the World Wide Web, and the	3D modelling -Children are able to make appropriate improvements to digital solutions based on feedback received and can confidently

-Use sequence,	solve problems by	-Children are able to	evaluating digital	opportunities they	comment on the
selection and	decomposing them	make appropriate	content.	offer for	success of the
repetition in	into smaller parts.	improvements to	content.	communication and	solution. e.g.
•	•	•		collaboration.	
programs; work	-Children may	digital solutions	-Children search with		creating their own
with variables and	attempt to turn	based on feedback	greater complexity	-Children	program to meet a
various forms of	more complex real-	received and can	for digital content	understand the	design brief using
input and output	life situations into	confidently comment	when using a search	value of computer	2Code. They
	algorithms for a	on the success of the	engine. They are able	networks but are	objectively review
	program by	solution. e.g. creating	to explain in some	also aware of the	solutions from
	deconstructing it	their own program to	detail how credible a	main dangers.	others. Children are
	into manageable	meet a design brief	webpage is and the	They recognise	able to
	parts. Children are	using 2Code. They	information it	what personal	collaboratively
	able to test and	objectively review	contains.	information is and	create content and
	debug their	solutions from others.		can explain how	solutions using
	programs as they	Children are able to	-Select, use and	this can be kept	digital features
	go and can use	collaboratively create	combine a variety of	safe. Children can	within software
	logical methods to	content and solutions	software (including	select the most	such as
	identify the	using digital features	internet services) on	appropriate form of	collaborative mode.
	approximate cause	within software such	a range of digital	online	They are able to
	of any bug but may	as collaborative	devices to design and	communications	use several ways of
	need some support	mode. They are able	create a range of	contingent on	sharing digital
	identifying the	to use several ways	programs, systems	audience and	content, i.e. 2Blog,
	specific line of	of sharing digital	and content that	digital content, e.g.	Display Boards and
	code.	content, i.e. 2Blog,	accomplish given	2Blog, 2Email,	2Email.
	-When children	Display Boards and	goals, including	Display Boards.	
	code, they are	2Email.	collecting, analysing,	-Use technology	
	beginning to think		evaluating and	safely, respectfully	
	about their code			and responsibly;	
	structure in terms of		presenting data and	recognise	
	the ability to debug		information.	acceptable/	
	and interpret the			unacceptable	
	code later, e.g. the			behaviour; identify	
	use of tabs to			a range of ways to	
	organise code and			report concern	
	the naming of			about content and	
	variables.			contact.	
				-Children have a	
				secure knowledge	
				of common online	
				safety rules and	
				can apply this by	
				demonstrating the	
				safe and respectful	
				use of a few	
				different	
				technologies and	
				online services.	
				Children implicitly	
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					relate appropriate online behaviour to their right to personal privacy and mental wellbeing of themselves and others.	
Music	Pharaohs - create a ceremonial rhythmic piece to honour the Ancient Egyptian Gods using tuned and untuned percussion [Carousel 3 has some Egyptian unit in it]	Star gazers – listen & respond to the characters of Holst's Planet Suite; explore rhythmic ideas (Also see BBC Ten Pieces 'Mars' lesson plan & programme)	'Off with her head!' - Tudor music — compose a fanfare using 3 notes and staff notation, learn Greensleeves (allegedly by Henry VIII, learn a Tudor carol (dance with a song) e.g. The Coventry Carol, The Boar's Head Carol, identify Tudor instruments. (Learn selection of Xmas carols for concert with Y6 in church)		John Bunyan – sing & accompany 'To be a pilgrim' with tuned & untuned instruments; listen & respond to range of Vaughan Williams compositions (inc The Lark Ascending on BBC Ten Pieces)	Scream Machines - machine music and creating graphic scores; listen to 'Short Ride in a Fast Machine' by John Adams. Identify how Adams creates sense of speed and exhilaration.
History	Ancient Egyptian civilisation — Egyptian Pharaohs, Mummification, embalming and tombs, education and Gods. - Know and sequence key events of time studied -Use relevant terms and period labels -Make comparisons between different times in the past -Study different aspects of different people -Differences between men and women	To research significant scientific individuals e.g. Galileo, Isaac Newton, the 1960 Space race, Tim Peake etc - Examine causes and results of great events and the impact on peopleCompare accounts of events from different sources -Offer some reasons for different versions of eventsUse the library and internet for research with	The Tudors – The reign of Henry VIII - Know and sequence key events of time studied -Use relevant terms and period labels -Make comparisons between different times in the past -Study different aspects of different people -Differences between men and women -Compare life in early and late 'times' studied -Compare an aspect of lie with the same	Ancient Greeks - Know and sequence key events of time studied -Use relevant terms and period labels -Study different aspects of different people - Make comparisons between different times in the past - Compare life in early and late 'times' studied -Compare an aspect of life with the same aspect in another period	- Know and sequence key events of time studied -Use relevant terms and period labels -Make comparisons between different times in the past -Compare life in early and late 'times' studied -Begin to identify primary and secondary sources -Use evidence to build up a picture of a past event	Theme parks in the UK and overseas -Use the library and internet for research with increasing confidence -Communicate their knowledge and understanding.

	- Compare life in early and late 'times' studied -Compare an aspect of life with the same aspect in another period -Select relevant sections of information -Recall, select and organise historical information -Communicate their knowledge and understanding.	increasing confidence -Recall, select and organise historical information -Communicate their knowledge and understanding.	aspect in another periodCompare accounts of events from different sources - Fact or fiction -Offer some reasons for different versions of events -Recall, select and organise historical information -Communicate their knowledge and understanding Examine causes and results of great events and the impact on people	-Select relevant sections of information -Recall, select and organise historical information -Use the library and internet for research with increasing confidence	-Recall, select and organise historical information -Communicate their knowledge and understanding.	
Geography	Human and physical features of Egypt, the River Nile and tourism. -Begin to use primary and secondary sources of evidence in their investigations Analyse evidence and draw conclusions e.g. compare historical maps of varying scales e.g. temperature of various locations - influence on people/everyday life -Begin to use 4 figure coordinates to locate features on a map Begin to draw a variety of thematic	To use maps, globes, atlases, google earth to locate countries and describe their physical landscapes -Begin to suggest questions for investigating -Investigate places with more emphasis on the larger scale; contrasting and distant places - Analyse evidence and draw conclusions e.g. compare historical maps of varying scales e.g. temperature of various locations - influence on	To research how the physical landscape has changed since the 1500's and Britain's counties. -Investigate places with more emphasis on the larger scale; contrasting and distant places - Collect and record evidence unaided - Analyse evidence and draw conclusions e.g. compare historical maps of varying scales e.g. temperature of various locations - influence on people/everyday life	- Identify position and significance of time zones - Measure straight line distance on a plan.	Maps of the Local area and how they have changed over the years -Begin to suggest questions for investigating -Investigate places with more emphasis on the larger scale; contrasting and distant places - Analyse evidence and draw conclusions e.g. compare historical maps of varying scales e.g. temperature of various locations - influence on people/everyday life -Select a map for a specific purpose.	-Draw a plan view map with some accuracy - Begin to digital and computer mapping

	maps based on their own data Draw a sketch map using symbols and a key; -Use/recognise OS map symbols - Begin to use atlases to find out about other features of places. (e.g. find wettest part of the world) - Find/recognise places on maps of different scales. (E.g. river Nile.) - Identify significant places and environments	people/everyday life - Use 8 compass points Compare maps with aerial photographs Use index and contents page within atlasesUse medium scale land ranger OS maps			(E.g. pick atlas to find Taiwan, OS map to find local village.) - Understand, describe and use key physical features: climate zones, biomes & vegetation belts -Understand, describe and use key human features: types of settlement and land use	
PE	Football skills To be able to dribble the ball under pressure. To pass the ball accurately to a target to help to maintain possession. -To use different turns to keep the ball away from defenders. -To develop defending skills to gain possession. -To develop goalkeeping skills to stop the opposition from scoring.	Dance (Space) -Beginning to exaggerate dance movements and motifs (using expression when moving) -Demonstrates strong movements throughout a dance sequenceCombines flexibility, techniques and movements to create a fluent sequenceMoves appropriately and with the required style in relation to the stimulus. e.g using various levels, ways of	Modified net and wall games -Badminton To show respect, honesty and fair play when competing in a game Supporting and encouraging each other To develop footwork and the forehand and backhand grip To develop serving backhand over the net To develop and maintain a rally using an overhead forehand clear.	Modified invasion games -Hockey To become familiar with the hockey, stick and ball. To develop sending the ball using the push pass To develop dribbling to beat a defender To develop receiving and stopping the ball with control. To develop moving into space to support a team member.	Modified striking and fielding games Cricket -To develop throwing accuracy and catching skills. - To develop batting accuracy and directional batting. -To develop catching skills (close/deep catching and wicket keeping). -To develop overarm bowling technique and accuracy. -To develop a variety of fielding	Modified target games – Golf To develop putting and chipping technique and accuracy. -To develop technique for a short and long game. To design a course and select the appropriate shot for the situation. To hold the equipment correctly depending on the shot to be taken Athletics – Beginning to build a variety of running

To be able to apply the rules and tactics you have learnt to play in a football tournament.

Netball

- -The ability to communicate with each other -Vary skills, actions
- -Vary skills, actions and ideas and link these in ways that suit the games activity.
- -Shows confidence in using ball skills in various ways, and can link these together.
- -Uses skills with coordination, control and fluency.
- -Takes part in competitive games with a strong understanding of tactics and composition.
- -Can create their own games using knowledge and skills.
- -Can make suggestions as to what resources can be used to differentiate a game.

travelling and motifs.

- -Beginning to show a change of pace and timing in their movements.
- -Uses the space provided to his maximum potential.
- -Improvises with confidence, still demonstrating fluency across their sequence.
- -Modifies parts of a sequence as a result of self and peer evaluation.
- -Uses more complex dance vocabulary to compare and improve work.

OAA -

- -Develops strong listening skills.
- -Use s and interprets simple maps.
- -Think activities through and problem solve using general knowledge.
- -Choose and apply strategies to solve problems with support.
- -Discuss and work with others in a group.

To learn how to score points and play in competitive games

selecting and applying skills and begin to identity areas that can be developed

Gymnastics:

- -To be able to perform symmetrical and asymmetrical balances
- -To develop the straight, forward, straddle and backward roll.

To be able to develop different methods of travelling, linking both canon and synchronisation.

To be able to perform progressions of inverted movements.

To explore matching and mirroring both on the floor and on apparatus

To be able to work with a partner creating a sequence using apparatus.

To develop using an open stick (block) tackle and jab tackle to gain possession of the ball.

To apply the rules and skills learnt to play in a game or tournament.

Yoga: To develop an understand of yoga

To develop strength through yoga flows

To develop flexibility through the sun salutation flow

To create your own flow showing quality in control, balance and technique

To work collaboratively to create controlled paired yoga flow.

To continue developing to produce your own yoga flow that challenges technique, balance and control.

techniques and to use them within a game.

To develop long and short barriers and apply them to a game situation.

Athletics Skills

-To be able to apply different speeds over varying distances.

To develop fluency and coordination when running for speed

- -. To develop technique in relay changeovers.
- -To develop technique and coordination in the triple jump.

To develop throwing with force for longer distances.

To develop throwing with greater control and technique.

techniques and use with confidence.

- -Can perform a running jump with more than one component. e.g. hop skip jump (triple jump)
- -Beginning to record peers' performances, and evaluate these.
- -Demonstrates accuracy and confidence in throwing and catching activities.
- -Describes good athletic performance using correct vocabulary.
- -Can use equipment safely and with good control.

	-Apply basic skills for attacking and defending. -Uses running, jumping, throwing and catching in isolation and combination	-Demonstrates an understanding of how to stay safe				
PE	EVALUATION: -Watches and describes performances accuratelyLearn from others how they can improve their skillsComment on tactics and techniques to help improve performancesMake suggestions on how to improve their work, commenting on similarities and differences. HEALTHY LIFESTYLE: - Can describe the effect exercise has on the body Can explain the importance of exercise and a healthy lifestyle. Understands the need to warm up and cool down.					
PSHE	Being me in my world	Celebrating difference	Dreams & Goals	Healthy Me	Relationship	Changing me
RE	Why do some people believe in God and some people not?	Justice and Poverty: Why does Faith make a difference?	Values: What matters most to Humanists and Christians?	What will make our community a more respectful place?	How does faith enable resilience?	What helps Hindu people as they try to be good?
French	Describe the high street; give directions & tell the time – say, read, spell places on the high st; recognise similarities & differences between UK & France; give basic directions (left, right, straight on); tell the time on the hour; ¼ past, ½ past & ¼ to	Times of the day: adjectives for the high street; likes/dislikes and 'aller' – morning/noon/night; adjectives for free time activities; the verb 'aller'; revisit combined Y3 & 4 Nativity & learn a Xmas carol e.g. II est né le divin enfant	Où habites-tu? Saying where you live; north/south/east/west; seasons; describing the climate where you live	Keeping Healthy – food; likes and dislikes. Revisit fruit and food from Y3 and increase vocab; look at traditional eating times and foods in France. Preparing a traditional dessert – crêpes (create a recipe)		-
Art/ Design Technology	Drawing artefacts, making headdresses and hieroglyphic cartoucheUse a variety of source material for their work.	Printing, using a range of materials to show texture. -Explain a few techniques, inc' the use of poly-blocks,	Portrait sketching and paintingDemonstrate a secure knowledge about primary and secondary, warm and cold, complementary	Greek recipes for Tapas celebration DT - Select appropriate materials, tools and techniques	Looking at different styles of writing: calligraphy and graffitiInvestigate art, craft and design in the locality and in a variety of genres,	Photography and image editing. Ride design, programme modelling, mechanical systems and working models

- -Work in a sustained and independent way from observation, experience and imagination.
- -Use a sketchbook to develop ideas.
- -Explore the potential properties of the visual elements, line, tone, pattern, texture, colour and shape.
- Clay Canopic jars –
- -Describe the different qualities involved in modelling, sculpture and construction.
- -Use recycled, natural and manmade materials to create sculpture.
- -Plan a sculpture through drawing and other preparatory work.
- DT Generate ideas through brainstorming and identify a purpose for their product Draw up a specification for their design
- Cook Egyptian food

- belief, mono and resist printing.
- -Choose the printing method appropriate to task.
- -Build up layers and colours/textures.
- -Organise their work in terms of pattern, repetition, symmetry or random printing styles.
- Design and make a craft for a space mission (3D mars rovers)
- -Work on their own, and collaboratively with others, on projects in 2 and 3 dimensions and on different scales.
- -Extend their work within a specified technique.
- -Use a range of media to create collage.
- DT Generate ideas through brainstorming and identify a purpose for their product - Draw up a specification for
- their design
 Develop a clear
 idea of what has to
 be done, planning

- and contrasting colours.
- -Work on preliminary studies to test media and materials.
 -Create imaginative work from a variety of sources.
- Tudor Fashion and peg dolls – -Use a variety of source material for

their work.

- -Work in a sustained and independent way from observation, experience and imagination.
- -Use a sketchbook to develop ideas.
- -Explore the potential properties of the visual elements, line, tone, pattern, texture, colour and shape.
- -Join fabrics in different ways, including stitching.
- -Use different grades and uses of threads and needles.

- Measure and mark out accurately
- Use skills in using different tools and equipment safely and accurately
- Weigh and measure accurately (time, dry ingredients, liquids)
- Apply the rules for basic food hygiene and other safe practices e.g. hazards relating to the use of ovens
- Cut and join with accuracy to ensure a good-quality finish to the product
- Print/block making -Explain a few
- -Explain a few techniques, inc' the use of poly-blocks, belief, mono and resist printing.
- -Choose the printing method appropriate to task.
- -Build up layers and colours/textures.
- -Organise their work in terms of pattern, repetition, symmetry or random printing styles.

styles and traditions

Watercolour paintings -Demonstrate a secure knowledge about primary and secondary, warm and cold, complementary and

Batik dyeing

-Experiment with using batik safely

contrasting colours

-Use ICT.

DT - Use results of investigations, information sources, including ICT when developing design ideas

Investigating mechanisms by exploring, observing and making

- -Use a sketchbook to develop ideas
- -Work in a sustained and independent way from observation, experience and imagination.

Fairground/ theme park food -

	how to use		-Choose inks and		
	materials.		overlay colours		
	equipment and		Overlay Colouis		
	· ·		DT - Select		
	processes, and				
	suggesting		appropriate		
	alternative methods		materials, tools and		
	of making if the first		techniques		
	attempts fail				
	- Use results of		- Measure and		
	investigations,		mark out accurately		
	information				
	sources, including		- Use skills in using		
	ICT when		different tools and		
	developing design		equipment safely		
	ideas.		and accurately		
	Select appropriate				
	materials, tools and				
	techniques				
	- Measure and				
	mark out accurately				
	- Use skills in using				
	different tools and				
	equipment safely				
	and accurately				
	- Cut and join with				
	accuracy to ensure				
	a good-quality				
	finish to the product				
	million to the product				
Art/Degian	ART: Exploring and developing ideas:	<u> </u>			
Art/Design	Select and record from first hand observat	tion experience and ima	gination, and explore in	deas for different numo	292
Technology	-Question and make thoughtful observation				
	-Explore the roles and purposes of artists, of				WOIK.
	Evaluating and developing work:	ranspeople and designe	is working in directoric	inics and caltares.	
	-Compare ideas, methods and approaches	in their own and others'	work and say what they	think and feel about t	hom
	-Adapt their work according to their views at			י נווווא מווט וככו מטטטנ נ	Hom.
	DT: -Evaluate a product against the original		giii develop it iditliel.		
D. C. C. C. I	- Evaluate it personally and seek evaluation		Crook History		Day racidential to
Potential	- Science Museum in		Greek History	-	Day residential to
Trips and	London	tip to Wembley	Squad workshops		Jordan's close?
•	9.11.22	7.2.23	in school (possibly)		
enrichment					