Curriculum Overview Year 4

	Autumn 1 st	Autumn 2 nd	Spring 1 st	Spring 2 nd	Summer 1 st	Summer 2 nd
Maths (see White Rose Maths Hub for more details)	Number - Place Value Number - Addition & Subtraction	Number - Multiplication and Division Measurement - Area	Fractions Time	Decimals Measurement - Money	Measurement - perimeter and Length Geometry - Angles Geometry - Shape and symmetry Geometry - Position and Direction	Statistics Measurement - Area and Perimeter
English	Until I met Dudley & other example explanation texts- Main text 'What makes a living thing' formed by teacher (linked with science) Non-fiction - Explanation texts (4wks) Poetry - Poems which create images (2wks) The Magic Box	The Great Kapok Tree - Lynne Cherry Narrative - Story settings and Characterisation (longer stories) (6 wks)	The Day the Crayons Quit - Drew Daywalt Non-fiction - Persuasion (letters) Main text- 'letter to oil companies'- formed by teacher (linked with geography- sustainability) (4 wks) Non-Chronological reports - Linked with Geography- reports about sustainability. Main text 'Renewable energy report' (2wks)	Poetry - Poems which explore form - acrostic & shape poems (1 wk) Narrative - Trapped by the Tide Dilemmas/issues (longer stories) (5 wks)	Narrative - Story settings (Linked with Geography) (6wks) Main text Lemony Snicket's Series of Unfortunate Events- 'The Wide Window' Also 'Agatha's House' formed by teacher	Book reviews of 'Lemony Snicket ' (2wks) Non-fiction - Recounts - Newspaper reports (History link) King Edmund's capture report formed by teacher (5wks)
Grammar, Punctuation and Spelling	Alan Peat: • simile/metaphors • Compound sentences (O - I) • Two pair sentences Punctuation: • Clauses main/subordinate • Semi-colons	Alan Peat: • 3 bad-question • simile/metaphors • more more • ing/ed Punctuation: • Commas to separate clauses, • Questions • Fronted adverbials	Alan Peat: some, other Proper nouns Punctuation: Modifying adjectives Fronted adverbials Dictation Speech Colons Spelling:	Alan Peat: -ly ending boys 2 adjectives before/after Personification of weather Short the more all the ws	Alan Peat: • verb person • emotion, word comma • noun which/who/where • many questions • Present perfect/ past tense Punctuation: • Synonyms/simile • Dictation	Alan Peat: short PC irony imagine Setting Punctuation: Speech Dictation Spelling:

	Lists	 Modifying 	• tion	• list	Spelling:	 Plurals
	• Fronted adverbials	adjectives	• sion	 related adjectives 	 ly - accurately 	 homophones
	Spelling:	 Prepositions 	• ssion	Punctuation:	 al-accidental 	 Contractions
	• Ure	• Speech	 les/plurals 	• Fronted adverbials	 ally-accidentally 	 Apostrophes for
	 homophones 	Spelling:	• thesaurus	 Rhetorical 	 fully-beautifully 	possession
	 Dictionary work 	 Apostrophes for 		questions	• ment- achievement	
	Alphabetical order	possession	 TFW - poetry 	 Dictation 		
		 Prefixes 	narrative	• Speech		
	• TFW - Narrative 5-	• mis	 Simple/complex 	Spelling:		
	part story	• re	sentences/ compound	 Prefixes 		
	 Drafting, editing, 	• pre	 Paragraphs 	• mis		
	improving	• sub	 Time connectives 	• re		
	 Proof reading 	• tele	TFW-	• pre		
	Time connectives	• super	 Newspaper/non- 	• sub		
	 Connectives 	• auto	chronological report	• tele		
	 Apostrophes for 	• able	 Heading/sub-headings 	• super		
	possession	• ible	5 5	• auto		
	·	• dis		•		
		 Characterisation 				
		 Setting 				
		 Time connectives 				
		 Drafting, editing, 				
		improving				
		 Proof reading 				
		 Technical language 				
		 Paragraphs 				
	Which wild animals and	How could we cope	How would we survive	What happens to the	Why is the sound that	Assessment of previous
	plants thrive in your	without electricity?	without water?	food we eat?	'one direction' makes	topics and units of
	locality?	Investigation questions:	Investigation questions:	Investigation questions:	enjoyed by many?	work-revisiting and
	Investigation questions:	-How do plugs work?	-Where does water go?	-what is Sylvia used	Investigation questions:	applying scientific
	-How does pollution	-what conducts	-why does it flood?	for?	-How far can sound travel?	skills and enquiry
	affect habitats?	electricity?	-Are all liquids runny?	-what do squirrels eat	-How can we change a	
	-Are all creatures the	-Can you make an	 compare and group 	and how do they digest	sound?	
	same?	electrical circuit out of	materials together,	it?	-Can we block sound?	
Science	 recognise that living 	playdough?	according to whether they	-How does toothpaste	 identify how sounds are 	
	things can be grouped in	 identify common 	are solids, liquids or gases	protect our teeth after	made, associating some of	
	a variety of ways	appliances that run on	$m \cdot$ observe that some	eating?	them with something	
	 explore and use 	electricity • construct a	materials change state	 describe the simple 	vibrating	
	classification keys to	simple series electrical	when they are heated or	functions of the basic	 recognise that vibrations 	
	help group, identify and	circuit, identifying and	cooled, and measure or	parts of the digestive	from sounds travel through	
	name a variety of living	naming its basic parts,	research the temperature	system in humans $ullet$	a medium to the ear	
	things in their local and	including cells, wires,	at which this happens in	identify the different	 find patterns between 	
	wider environment		degrees Celsius. (°C)	types of teeth in	the pitch of a sound and	

	• recognise that environments can change and that this can sometimes pose dangers to living things.	bulbs, switches and buzzers • identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery • recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit • recognise some common conductors and insulators, and associate metals with being good conductors.	 identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature. 	humans and their simple functions • construct and interpret a variety of food chains, identifying producers, predators and prey.	features of 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.	
Geography	How and why is my local area changing? Identify, describe and give reasons for why environments change; Explain with examples how some environmental change may be the result of natural events whilst other change may be the result of deliberate human activity to improve the quality of life; Observe, record and explain changes that have occurred in the past to the school and its grounds and its immediate environment; Identify, describe and explain how an aspect of life in the local area has changed over a long period of time, or how the locality has been affected by a significant national or local event or development, or		How can we live more sustainably? Describe and explain using examples what living sustainably means; Identify, describe and explain the differences between renewable and non-renewable resources; Undertake an environmental review of different categories of sustainability at their school and draw up an Action Plan to identify and explain priorities to help the school become more sustainable; Understand in basic terms how solar panels and wind turbines generate electricity; Identify, describe and offer reasons for how sources of energy used to make electricity in the United Kingdom are changing;		Why are deserts so wet and jungles so dry? Observe, describe and explain in basic terms the pattern of climate in the United Kingdom; Identify, describe and begin to offer reasons for the distribution of different types of climate around the world; Compare and contrast the temperature and rainfall data in different climate graphs to reach conclusions about the climate in different locations in the world; Construct a climate graph from temperature and rainfall data for their home location and compare and contrast this with climate graphs of other locations to reach conclusions and make judgements; Understand how climate affects both the landscape of different biomes and the	

	the work of a significant		Explain how electricity is		plants and animals that can live	
	individual:		generated in hydroelectric		there:	
	Demonstrate		power stations:		Observe describe and explain	
	understanding of how the		Understand why creating new		why areas of tropical	
	quality of the environment		habitats for birds are good		rainforest such as the Amazon	
	may change within the local		examples of sustainable		Basin have so much	
	area and make judgements		development:		convectional rainfall	
	to explain observations.		 Describe observe 		Describe the natural	
	Recognise how remote		explain and make a		environment of the Atacama	
	sensing by satellites and		iudaement as to why		Desert and explain why the	
	satellite images inform		introducing solar cookers		city of Arica is the driest	
	aeographers of		in some of the world's		inhabited place in the world	
	environmental change on a		poorest countries makes		Tdentify locate: describe	
	alobal scale and identify		the lives of people more		and explain how plants and	
	and explain specific		sustainable.		animals are adapted to the	
	examples of change from		Sus ramable,		climate of either the	
	NASA images of locations				coniferous forest or savanna	
	around the world:				biome	
	Describe and explain the					
	impact of environmental					
	change in one threatened					
	region of the world.					
	•					
		Iron Age- How do		Anglo Saxons- Who were		Vikings- What did the
		artefacts help us		the Anglo-Saxons and how		Vikings want and how did
		understand the lives of		do we know what was		Alfred help to stop them
		people in the Tron Age		important to them?		aettina it2
		Britona		important to mem.		gernign
		Diffoli		• Interpret both		• Describe the reasons
		Identify and describe the		primary and secondary		for the attack on the Holy
		common features of the		sources of evidence to		Island of Lindisfarne in
		archaeological remains of		describe and explain what		793 by people referred to
		Iron Age hill forts found		occurred in AD 410 that		today as 'the Vikings';
		around Britain today		contributed to the Romans		 Describe why 'Vikings' is
		 Suggest how an Tron 		abandoning Britain forever:		not, in fact, the correct
History		Age hill fort might have		Empathise with the		name for these people and
mistory		appeared when first		situation and feelings of		explain who the attackers
		constructed aiving reasons		Emperor Honorius in AD		really were;
		to justify the choice of		410 and make a judgment		 Empathise with the
		features which have been		about why the Romans left		likely feelings of the
		included;		Britain and the emotions		people of the Kingdom of
		• Describe the main		the Emperor may have		Northumbria and the
		features of an Tron Acc		expressed;		judgments they might have
		roundhouse and identify		Describe and explain		made as news of the
		and suggest reasons for		why Anglo-Saxon settlers		attack spread;
		the nurnose of artefacte		created village		Identity and describe
		found within them		communities in the		the design teatures of a
				countryside rather than		longship and explain why it
				-		was an ideal vessel for



				place names in their own area or region of England Potential trip to West Stow. Extended writing- answer key question		
DT		How could we get around in the dark? Children design and make a torch, or lamp that contains a simple electrical circuit. The circuit must contain a switch and a bulb and be encased within the main body of the design.	How Will You Store Your Favourite Things? Children design and make a container that can hold one or two favourite small items safely. Students identify one, or a few, small items to make a suitable a case for. The case must be made from textiles and work effectively to hold the chosen objects.		What Shape Should Your Pastry Be? Children design and make a new pastry product for a particular group of people. The product will be based on the children's experience of the traditional jam tart and each child will carry out market research to identify the needs and preferences of their consumers. Pupils will learn to record their responses to appearance, taste and texture. They will explore the ingredients used, nutritional values and packaging.	
Art & Design	PaintingFocus Artist: GeorgiaO'Keeffe.How did she paint?• Look at the work of Sean Scully. Produce work using blocks or strips of colour. Use primary and mix secondary colours.• Start to develop a painting from a drawing.			 <u>Printing</u> <u>Focus Artist: Andy</u> <u>Warhol</u> Have experience of fabric printing. Investigate African designs/textiles and use these to create own design. Produce as a monoprint, scratching into inked up slab. Learn how to use a press print block 		 <u>3D</u> <u>Focus Artist: George</u> <u>Segal, Alexander</u> <u>Calder</u> Make a pot using coiled strips. Learn how to make coils and how to attach to base using scoring and slip. Use papier mache to make a puppet head. Maybe use a

	 Continue to use sketch books to try out ideas, plan colours Use SEM images (scanning electron microscope) to stimulate imaginative work and focus on shape, colour and form. Continue to mix colours, shades and tones with increasing confidence. E.g. produce a collage background with coloured shapes and work over the top painting in contrasting tone, light over dark, dark over light. Work in the style of Georgia O'Keefe. (flower paintings) Teach technique of painting a bold line of colour, wash brush, use wet brush to move paint across in a fading 			using a soft pencil and drawing into polystyrene tile/ pizza base. Demonstrate how to ink up roller and roller across block. (light colour)Print and then further add to design. (called 'worrying away' at the design)Print with different darker colour to create 2 colour print. • Make a collograph block - sticking card shapes onto a block - and use this to print. Repeat print, maybe rotate. • Use IT to flip and rotate, making repeat prints.		cut down milk bottle. • Research environmental sculpture and found object art. (Flip flop art, Segal, Calder) Show awareness of effect of time upon sculptures. • Use the fabric forming process. Cover cardboard tube with polythene bag. Dipping strips of fabric in watered down PVA - wrap and twist around tube. Decorate and remove tube.
	Music Express Aut 1 -	Music Express - Aut 2	Music Express - Spr 1	Music Express - Spr	Music Express - Sum 1	Music Express - Sum
Music	IN THE PAST (3 Weeks) Focus: Notation Subject link: PE The children use a variety of notations to build performances	ENVIRONMENT (3weeks) Focus: Composition Subject link: English- narrative settings Seasons and the environment provide the	BUILDING (3 Weeks) Focus: Beat Subject link: PSHE Building-themed songs allow the children to explore how music can be	2 ANCIENT WORLDS (3 Weeks) Focus: Structure Subject link: History The children celebrate achievements of the 'Amazing Egyptians' and	SOUNDS (3 Weeks) Focus: Exploring sounds Subject link: Science After exploring how sounds are produced and classified, the children use	2 COMMUNICATION (3 Weeks) Focus: Composition Subject link: English Children create a news programme, complete
	from different periods	stimuli for compositions.	structured to provide	explore 20th century		with theme music and

	and styles. They learn a	The children make	different textures. They	minimalist music	their voices to make	school news headlines.
	Renaissance dance, walk	descriptive	use layers and rondo	inspired by the age of	beatbox	Using songs and raps,
	down the aisle to	accompaniments and	structure to combine	Akhenaten. They	sounds, sing four-part	this musical news
	Wagner's Bridal march	discover how the	ostinati played on body	arrange and perform a	songs, and perform a jazzy	bulletin will alert the
	and dance the mashed	environment has	percussion and tuned	layered pyramid	round.	school to the burning
	potato!	inspired composers	instruments.	structure.		issues of the day!
		throughout history.			Music Express - Sum 1	
	Music Express - Aut 1		Music Express Spr 1	Music Express - Spr 2	Recycling	Music Express – Sum 2
	POETRY	Music Express Aut 2	AROUND THE WORLD	FOOD & DRINK	(3 weeks)	TIME
	(3 Weeks)	SINGING SPANISH	(3 Weeks)	(3 Weeks)	Focus: Structure	(3 Weeks)
	Focus: Performance	(3 Weeks)	Focus: Pitch	Focus: Performance	Subject link: Art	Focus: Beat
	Subject link: English	Focus: Pitch	Subject link: Geography	Subject link: DT &	The children make their	Subject link:
	The children develop	Subject link: Languages	The children explore	science (digestion)	own instruments from junk	Mathematics
	performances of	A sample of the sights	pentatonic melodies and	The children cook up a	and use them to improviser,	Music featuring bells
	continuing poems. They	and sounds of the	syncopated rhythms,	musical feast. They	compose and play junk jazz	and clocks helps the
	use their voices to	Spanish-speaking world,	learning that the	enjoy a varied diet of	music in a variet6y of	children to understand
	speak expressively and	including greetings,	fundamental	healthy beans, exotic	different musical styles.	rhythm and syncopation.
	rhythmically, and	counting to twelve and	dimensions of music are	Tudor banquets and DIY		They learn to
	discover ways to create	playing a singing game.	the same all over the world.	pizzas before		sing and play bell
	ostinato	The children explore		celebrating in a song		patterns, listen to an
	accompaniments to	part-singing and		performance.		orchestral clock piece,
	enhance their	accompaniments in four				and create their own
	performances.	contrasting songs.				descriptive music.
	Hockey	Netball	Football	Tag Rugby	Cricket	Tennis
	Participate in team	Participate in team	Participate in team games,	Participate in team	Use running, jumping,	Use running, jumping,
	games, developing simple	games, developing simple	developing simple tactics	games, developing	throwing and catching in	throwing and catching in
	tactics for attacking	tactics for attacking	for attacking and	simple tactics for	isolation and in combination	isolation and in
	and defending	and defending	defending	attacking and defending	Participate in team games,	combination
	play competitive games,	play competitive games,	play competitive games,	play competitive games,	developing simple tactics	
	modified where	modified where	modified where	modified where	for playing competitive	
	appropriate and apply	appropriate and apply	appropriate and apply basic	appropriate and apply	games	Athletics - Throwing
	basic principles suitable	basic principles suitable	principles suitable for	basic principles suitable		Develop flexibility,
PE	for attacking and	for attacking and	attacking and defending	for attacking and		strength, technique,
	defending	defending		defending	<u>Athletics</u> - Running	control and balance
	Dance				Develop flexibility,	Use running, jumping,
	Perform dances using a	Gynmastics	Map reading/orienteering	Handball	strength, technique,	throwing and catching in
	range of movement	<u>Develop flexibility</u>	Take part in outdoor and	<u>Use runnina</u> jumpina	control and balance	isolation and in
	patterns	strength, technique	adventurous activity	throwing and catching in	Use running and jumping in	combination
	Develop flexibility.	control and balance	challenges both individually	isolation and in	isolation and in combination	
	strength, technique,	Compare their	and within a team	combination		
	control and balance	performances with		Participate in team		
	Compare their	, previous ones and		games, developing		

	performances with previous ones and demonstrate improvement to achieve their personal best.	demonstrate improvement to achieve their personal best.	Use running and jumping, in isolation and in combination	simple tactics for attacking and defending play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending		
Computing	 4.1 We are software developers Design, write and debug programs that accomplish specific goals. Use sequence, selection, and repetition in programs; work with variables and various forms of input and output. Use logical reasoning to explain how some simple algorithms work and to detect correct errors in algorithms and programs. 	 4.2 We are toy designers Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems. Use sequence, selection, and repetition in programs; work with various forms of input and output. Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs. 	 4.3 We are musicians Use sequence, selection and repetition in programs; work with variables and various forms of input and output. Understand computer networks, including the internet and the opportunities they offer for communication and collaboration. Be discerning in evaluating digital content. Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information. Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour. 	 4.4 We are HTML editors Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration. Use technology safely, respectfully and responsibly; know a range of ways to report concerns and unacceptable behaviour. Use and combine a variety of software (including internet services) to accomplish given goals, including presenting information. 	 4.5 We are co-authors Solve problems by decomposing them into smaller parts. Understand computer networks, including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration. Use search technologies effectively. Be discerning in evaluating digital content. Use a variety of software (including internet services) to create content including presenting information. Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact. 	 4.6 We are meteorologists Work with variables and various forms of input and output. Use logical reasoning to explain how some simple algorithms work. Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content. Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating data and information.

 Demonstrate broadening vocabulary & developing abilit understand new words Write phrases f memory, and add these to create sentences Describe people places, things & actions orally an writing Understand basi grammar rules & how to apply the for instance to build sentences how these diffe from or are simi 	 Appreciate stories, songs, poems & rhymes in the language. Listen attentively to spoken language and show understanding by joining in and responding Explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words 	 engage in conversations; ask and answer questions; express opinions and respond to those of others; speak in sentences, using familiar vocabulary, phrases and basic language structures develop accurate pronunciation and intonation 	 broaden vocabulary and develop ability to understand new words read carefully and show understanding of words, phrases and simple writing engage in conversations; ask and answer questions 	 present ideas and information orally to a range of audiences describe people, places, things and actions orally and in writing develop accurate pronunciation and intonation listen attentively to spoken language and show understanding by joining in and responding 	 apprectate stories, songs, poems and rhymes in the language Explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words present ideas and information orally to a range of audiences Write phrases from memory, and adapt these to create new sentences
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Please note that the specific skills being focused upon by the year group in each subject will be mapped out with greater detail in STP/MTP planning.