Year 4 Curriculum Overview 2021-2022

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Explorers and	Inventors	Egyp	otians	The Ai	merica's
English	Tuesday	Gulliver's Travels	Tutankhamun	Weslandia	The Matchbox Diary	Tar Beach
English	Explorers and Tuesday Fiction The text lends itself to all sorts of speaking & listening, drama and writing activities. Shackleton's Journey Non-fiction Write newspaper reports, setting descriptions, interviews, diaries and letters. Apply their growing knowledge of root words, prefixes and suffixes to read aloud and understand new words they come across. Introduction to inverted commas to punctuate direct speech, commas after fronted adverbials and the use of a variety of	Inventors Gulliver's Travels Fiction Create logbook entries, instructions, adventure stories and explanation texts. Use conjunctions, adverbs and prepositions. Continue to work on using apostrophes to mark plural possession and the use of noun phrases to add detail and excitement. Farther Fiction Continue to develop understanding of nouns and pronouns. Have a stronger understanding of when to use the correct tense, including	Egyp	Weslandia Fiction Build on knowledge of non-chronological reports by writing their own, book reviews and character descriptions. Use a dictionary to improve writing and check their spellings. Use headings and sub- headings to aid presentation. Use a variety of grammar terms to make their writing exciting to read. Cinnamon Fiction Explore limericks and other poetry forms as well as write a diary entry, informal letter,	The Air The Matchbox Diary Fiction Write predictions, make inferences about the story, explore vocabulary and write in role. After exploring prepositions, create a ship's log that is in the form of a recount. Investigate migration and read for research to gather ideas about Ellis Island. Plan and write a non-chronological report Pride, the story of Harvey Milk and the rainbow flag Fiction/Non fiction Explore the symbolism and the history of the	merica's
	speech, commas after fronted adverbials and the	and pronouns. Have a stronger understanding of when to use the		other poetry forms as well as write a diary	Fiction/Non fiction Explore the symbolism	

Maths	Place Value	Length & Perimeter	Multiplication &	Fractions	Decimals	Statistics
	Secure knowledge of	Add and subtract lengths	Division	Show, using diagrams,	Round, order and	Interpret and present
	numbers within 1,000.	Find the perimeter of	Recall and use	equivalent fractions.	compare decimals. Use	data using appropriate
	Work with numbers up to	different shapes.	multiplication and	Solve problems through	halves, quarters and	methods including bar
	10,000. Use number lines to	Equivalent lengths and	division facts up to 12 x	adding and subtracting	making a whole.	charts and time graphs.
	partition. Round and	compare metric units.	12. Use their place value	fractions as well as		Solve problems using
	compare numbers.		knowledge to multiply	calculating fractions of a	Key Vocabulary	information presented in
		Key Vocabulary	and divide mentally. Use	quantity.	Round, decimals, halves,	bar charts, pictograms,
	Key Vocabulary	Area, perimeter,	formal written method.		quarters, order.	tables and other graphs.
	Tenths, hundredths	centimetres, metres,	Identify and use factor	Key Vocabulary		
	Decimal (places)	square, distance,	pairs.	fraction equivalent		Key Vocabulary
	Round (to nearest)	millimetres, kilometres,		fraction mixed number	Money	Bar chart, pictogram,
	Thousand more/less than	length, width, rectilinear,	Key Vocabulary	numerator, denominator	Estimate, compare and	frequency table, tally
	Negative integers	right angle.	multiplication multiply	equal part equal	calculate different	chart, discrete data,
	Roman numerals (I to C)		multiplied by multiple,	grouping equal sharing	measures, including	continuous data, time
		Multiplication &	factor groups of times	parts of a whole half, two	money in pence and	graph, sum, difference,
		Division	product once, twice,	halves one of two equal	pounds. Solve measure	caparison, interpret.
	Addition & Subtraction	Multiply and divide by 10	three times ten times	parts quarter, two	and money problems	
	Add and subtract numbers	and 100. Learn	repeated addition	quarters, three quarters	involving fractions and	Properties of Shape
	with up to 4-digits and	multiplication and	division dividing, divide,	one of four equal parts	decimals to two decimal	Identify, order and
	exchange digits when	division facts.	divided by, divided into	one third, two thirds one	places.	compare angles. Identify
	needed. Estimate.		left, left over, remainder	of three equal parts		lines of symmetry in 2D
		Key Vocabulary	grouping sharing, share,	sixths, sevenths, eighths,	Key Vocabulary	shapes and complete a
	<u>Key Vocabulary</u>	multiplication multiply	share equally one each,	tenths	Amount, change,	symmetric figure.
	addition add, more, and	multiplied by multiple,	two each, three each		combination, estimate,	
	make, sum, total altogether	factor groups of times	ten each group in pairs,	Decimals	decimal, pence, penny,	Key Vocabulary
	double near double half,	product once, twice,	threes tens equal	Recognise and write	pounds, round, value,	Shape, pattern flat, line
	halve one more, two more	three times ten times	groups of doubling	decimal equivalents of	convert.	curved, straight round
	ten more one hundred	repeated addition	halving array row,	any number of tenths or		hollow, solid sort make,
	more how many more to	division dividing, divide,	column multiplication	hundredths. Find the	Time	build, construct, draw,
	make? how many more is	divided by, divided into	fact, division fact inverse	effect of dividing a one or	Read, write and convert	sketch perimeter centre
	than? how much more is	left, left over, remainder	square, squared cube,	two-digit number. Tenths	time between analogue	surface
	?	grouping sharing, share,	cubed	or hundredths.	and digital clocks. Solve	
	subtract take away how	share equally one each,			problems involving	
	many are left/left over? how	two each, three each	Area	Key Vocabulary	converting from hours to	Position & Direction
	many have gone?	ten each group in pairs,	Calculate the area of	Hundredths decimal,	minutes, minutes to	Describe positions and
	one less, two less, ten less	threes tens equal	rectilinear shapes, make	decimal fraction, decimal	seconds, years to	movements on a grid.
	one hundred less how many fewer is than? how	groups of doubling	their own shapes and	point, decimal place,	months and weeks to	Plot specified points and
	much less is?	halving array row,	then compare and order	decimal equivalent	days.	draw sides to complete a
	difference between equals is	column multiplication	the different areas.	proportion	KayNaaabulami	given polygon.
	the same as number	fact, division fact inverse	Kaulaabulama		Key Vocabulary	
	the same as number		Key Vocabulary			Key Vocabulary

	bonds/pairs/facts missing number tens boundary, hundreds boundary inverse	square, squared cube, cubed	Length, width, square, area, perimeter, rectilinear, right angle.		12-hour time, 24-hour time, roman numerals, analogue, digital, hours, minutes, seconds, o'clock half past, quarter past, quarter to, midday, midnight, noon, a.m., p.m.	Coordinate, quadrant, x- axis, y-axis, translation, vertex, vertices
Science	States of matter	Electricity	Animals including	Sound	Living things & their	
			humans	Prior Learning (year1)	habitats	
	Knowledge	Knowledge	Prior Learning (year 3)	The children learnt to	Prior Learning (year 2)	
	Children will learn what a	Children will learn about common appliances that	The children learnt	name, draw and label	The children learnt	
	solid, liquid or gas is and what different states of	run on electricity	that animals, including	the basic parts of the	that most living things	
	mater a selection of		humans, need the	human body and say	live in habitats to	
	materials are.	The children will learn	right types and	which part of the body	which they are suited	
		what a lamp needs to	amount of nutrition,	is associated with each	and describe how	
	They will learn the part	light up and what	and that they cannot	sense.	different habitats provide for the basic	
	played by evaporation and	happens when a switch is opened and closed.	make their own food; they get nutrition from	Knowledge	needs of different	
	condensation in the water cycle and associate the rate	opened and closed.	what they eat and that	Children will learn how	kinds of animals and	
	of evaporation with	The children will learn	humans and some	sounds are made,	plants, and how they	
	temperature	about common	other animals have	associating some of	depend on each other	
		conductors and	skeletons and muscles	them with something		
	<u>Skill</u>	insulators.	for support, protection	vibrating	Knowledge	
	Children will compare and	Chille	and movement	5	Children will recognise	
	group materials together, according to whether they	<u>Skills</u> Identify whether or not a		The children will learn	that living things can	
	are a solid, liquid or gas.	lamp will light in a simple	Knowledge	to recognise that	be grouped in a	
		series circuit, based on	Children will learn the	vibrations from sounds	variety of ways	
	Observe that some materials	whether or not the lamp	simple functions of the	travel through a		
	change state when they are	is part of a complete loop	basic parts of the	medium to the ear	They will explore	
	heated or cooled, and	with a battery	digestive system in		classification keys to	
	measure or research the	Identify that a switch	humans	They children will	help group, identify	
	temperature at which this happens in degrees Celsius	opens and closes a circuit		explore how sounds	and name a variety of	
	(°C)	and associate this with	They will learn about the	get fainter as the	living things in their	
		whether or not a lamp	different types of teeth in humans and their	distance from the	local and wider	
		lights in a simple series	simple functions	sound source increases	environment	
		circuit	P	<u>Skills</u>		

Explain the properties of		Skills	Find patterns between	They will learn that	
different materials using	Identify some common	Construct and interpret a	the pitch of a sound and	environments can	
scientific language	conductors and	variety of food chains, identifying producers,	features of the object that produced it	change and that this	
	insulators, and	predators and prey	that produced it	can sometimes pose	
Decide on what	associate metals with	predators and prey	Find patterns between	dangers and have an	
equipment to use and	being good conductors	Record findings using	the volume of a sound	impact on living things	
how to make observations	through simple	simple scientific	and the strength of the		
	experiments	language, drawings	vibrations that produced	<u>Skills</u>	
Report on findings from		and labelled diagrams	it	Gather, record,	
enquiries, including oral	Use straightforward			classify and present	
and written explanations,	scientific evidence to	Set up simple and	Key vocabulary	data in a variety of	
of results and conclusions	answer questions or to	practical enquiries,	Sound, source, vibrate,	ways to help to	
	support their findings	comparative and fair	vibration, travel, pitch,	answer questions	
		tests	volume, faint, loud,		
<u>Key Vocabulary</u>	Use simple scientific		insulation.	Ask relevant	
Solid, liquid, gas, state	language, drawings	Key vocabulary		questions.	
change, melting, freezing,	and labelled diagrams	Digestive system,			
melting point, boiling		digestion, mouth,		Record findings using	
point,		teeth, saliva,		simple scientific	
evaporation, temperature,		oesophagus, stomach,		language, drawings	
water cycle, water	Key vocabulary	small intestine,		and labelled diagrams	
vapour,	Appliances, electricity,	nutrients, large			
precipitation, oxygen,	electrical circuit, cell,	intestine, rectum,		Key vocabulary	
molecules	wire, bulb, buzzer,	anus, incisor, canine,		Classification, change,	
	danger, electrical	herbivore, omnivore.		danger, development,	
In Year 5 The children will	safety, insulators,	,		impact.	
use their knowledge of	wood, rubber, plastic,	In Year 5 the children			
solids, liquids and gases to	glass, conductors,	will describe the		In Year 5 the children	
decide how mixtures	metal, water, switch,	changes as humans		will learn the	
might be separated,	open, closed, sign.	develop to old age		differences in the life	
including through filtering,	open, closed, sign.			cycles of a mammal,	
sieving and evaporating	In year 6 the children			an amphibian, an	
and demonstrate that	will associate the			insect and a bird and	
dissolving, mixing and	brightness of a lamp or			the life process of	
changes of state are	the volume of a buzzer			reproduction in some	
reversible changes	with the number and			plants and animals	
	voltage of cells used in				
	the circuit Compare				
	the chedit compare				

		and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches				
History	Inventors and Explorers Prior learning (year 3) Children will use an increasi phrases related to the past.	ng range of words and	The Egyptians Prior learning (year 3) Show understanding of s which we find out about		The America's Prior learning (year 3) Children will describe wi events studied fit within framework.	
	Children will learn the histor explorers which is linked to read in English, Shackleton's identify inventions and inver They will use a variety of res information from the past a	the book will we will s Journey. Children will ntors from the past. sources to find out nd to create a timeline	Children will explore a va sources of information to about the past. They will to be like as an Egyptian. <u>Key Vocabulary</u>	o answer questions find out what life used	The children will build up knowledge by creating a comparing these to histo They will understand an events in chronological o	timeline of events and orical periods of time. d be able to order the
	of events in chronological or <u>Key Vocabulary</u>		Artefact, evidence, disco examine, compare, simil	arities, differences.	Key Vocabulary	tur, millonnium noried
	Chronological, invention, respectively of the perseverance, determination	n.	In year 5 children will con information available for times in the past and eva	the study of different	ancient, BC, AD.	tury, millennium, period,
	In year 5 children will use da events on a timeline.	ates to order and place	a variety of sources.		In year 5 children will us place events on a timeli	
Geography	Polar Regions		Egypt as a country	_	The America's	
	Prior learning (year 3) Children will learn 4 figure g analyse evidence and draw o		Human and physical fea Prior learning (year 3) Children will learn how t physical features of a loc	o identify human and	Prior learning (year 3) Children will make more sketches/diagrams.	e detailed fieldwork

Key Vocabulary Comparisons, population continents, similarities, or South Pole, Antarctic, Ard In year 5 children will lea environments over time. PE Fitness Prior learning (year 3)	lifferences, North Pole, ctic, rn about changes to world	In year 5 children will co physical features of a reg region in North America, and differences.	gion of the UK and a	In year 5 the children w characteristics and key the countries within No Fieldwork Prior learning (year 3) Children use and interp and digital/computer m countries and key featu Children will learn to dr complex maps, includin references. They will be out a geographical enqu	and the set up and carry uiry. will recognise the different tops of the set up and carry uiry. will recognise the different they will learn capital cities they with high
comparisons between lo photos/pictures e.g. pop Children will compare the live, understanding the s They will look at continen world and use map and g	ulation/temperature. e Antarctic to where we imilarities and differences. nts and countries of the	Children will explore Egy identifying where it is in explore the weather con the country's human and <u>Key Vocabulary</u> Egypt, Egyptians, pyrami plough, irrigation, farmir	the world. They will ditions and the effect of d physical features. id, tomb, desert, Nile,	and differences through physical geography of a South America. They wi environmental regions, characteristics, countrie <u>Key Vocabulary</u> Human geography, phy	ill concentrate on their key physical and human es, and major cities.

direction, explore activities	in poses, explore	response to a stimulus	and contrasting	and apply it to relay	The children learnt to
that challenge balance, co-	movement in relation to	individually and in	shapes, point and	events. Technique	explore technique for
ordinate their bodies,	their breath and develop	groups. Use dynamics	patch balances and	when jumping for	specific strokes to
explored sprinting	the skill to stay still and	and space effectively to	transition smoothly	distance in a range of	include head above
techniques, build strength in	keep focused.	express an idea. Develop	into and out of them,	approaches and take	water breaststroke,
different muscle groups and		an understanding of	develop the	off positions and the	backstroke and front
use their breath to increase	Knowledge	formations and perform	straight, barrel,	technique for a pull	crawl, begin to explore
their ability to work for	Children will learn how	a short self- choreographed phrase.	and forward roll and	throw.	front crawl breathing
longer.	yoga techniques and	choreographed phrase.	develop stepping		techniques and
Knowledge	poses can help connect their mind and body.	Knowledge	into shape jumps	Knowledge	personal survival.
Children will learn to	their minu and body.	Children will learn to	with control.	The children will learn	
understand different	<u>Skills</u>	work collaboratively in	with control.	how to improve in	Knowledge
	Explore using their brath	pairs, in small groups and	Knowledge	different physical	Children will learn a
components of fitness;	to maintain balance	individually to explore	Children will learn how	activities and sports and	variety of strokes, and
speed, stamina, strength,	within a pose.	movement. They will	to develop a broad range	learn how to evaluate	how to feel happy, safe
coordination, balance and	·	learn about different	of skills and how to use	and recognise their	and confident in the
agility.	Demonstrate increased	vocabulary and how to	them in different ways,	success.	water.
	extension in their poses.	identify these in a dance	linking them to make		
<u>Skills</u> Show balance when		routine.	actions and sequences of	<u>Skills</u>	<u>Skills</u>
	Demonstrate increased		movement. They will	Develop an	
changing direction at	control and strength with	<u>Skills</u>	learn how to include	understanding of	Explore technique for
speed.	in pose.		apparatus and know how	speed and pace in	specific strokes to
	• ···	Respond imaginatively	to do this safely.	relation to distance.	include head above
Show control whilst	Can engage with	to a range of stimuli			water breaststroke,
completing activities	mindfulness activities	related to character	Skills	Develop power and	backstroke and front
which challenge	with increased focus.	and narrative.	Develop the range of	speed in the sprinting	crawl.
balance.	Key vocabulary		shapes they use in	technique.	
	Strength, flexibility,	Change dynamics	their sequences.		Demonstrate
Explore increased	stable, control, perform,	confidently within a	Develop strength in	Develop technique	improved breathing
speed when	mindfulness, grounded,	performance to	bridge and shoulder	when jumping for	technique in front
coordinating their bodies.	down dog, link, try, relax	express changes in	stand.	distance.	crawl.
	and techniques	character.			
Demonstrate	·		Develop control and	Explore power and	Are comfortable with
improved	In year 5 the children will	Confidently use	fluency in individual	technique when	some personal survival
sprinting	use their breath to	changes in level,	and partner balances.	throwing for distance	techniques to include
technique.	maintain balance within	direction and pathway.		in a pull and heave	survival strokes such as
-	a pose and develop		Develop the straight,	throw.	sculling and treading
Identify activities	flexibility by contacting	Use action and	barrel, forward and		water.
which help to	their movement with	reaction to represent	straddle roll and	Key vocabulary	water.
-	their breath.	•		<u>+</u>	

strengthen different muscle groups. Demonstrate using their breath to maintain their work rate. <u>Key vocabulary</u> Fitness, balance, agility, co-ordination, speed,	Tag Rugby Prior learning (year 3) The children learnt to Send a ball with accuracy and increasing consistency to a target. Catch a range of objects with increasing consistency. Track a ball not sent	an idea. Perform complex dances that communicate narrative and character well, performing clearly and fluently. <u>Key vocabulary</u>	perform with increased control. Develop control in performing and landing rotation jumps. <u>Key vocabulary</u> Techniques, quality, sequence, perform, rotation, extension,	Stamina, speed, pace, techniques, determination, perseverance, officiate, power, accuracy, personal best and flight. In year 5 the children will apply fluency and coordination when	Key vocabulary Sculling, submersion, buoyancy, huddle, crawl, rotation, survival, stroke, breaststroke, alternate and treading water. Cricket Prior learning (year 3 Rounders)
pace, control, muscle, strength, steady, progress and stamina, In year 5 the children will learn about improving their posture, demonstrate increased speed and increase their ability to move for	directly. <u>Knowledge</u> Children will learn attacking skills and how to keep possession of the ball. They will learn strategies and social skills to self-manage games. <u>Skills</u>	Space, action, levels, timing, reaction, performance, dynamics, unison, represent and expression. In year 5 the children will learn to choreograph planned dances by using, adapting and	apparatus, inverted and shape. In year 5 the children will perform shapes consistently and fluently to a high standard, explore progression of a cartwheel and select a	running for speed in relay changeovers. Effectively apply speeds appropriate for the event. Develop power, control and consistency in jumping for distance. Explore technique and rhythm in the triple	Accurately pass to someone else and catch/kick the ball, whilst stationary and when moving with the ball (under pressure) Begin to maintain possession of the ball in different situations Can accurately use
sustained periods of time. Hockey Prior learning (year 3) The children learnt to dribble, pass, receive and shoot the ball with some control and understand the role of the attacker and defender.	Develop passing to a teammate using a variety of techniques appropriate to the game. Develop control whilst dribbling under	developing actions and steps from different dance styles. Football Prior learning (year 3) The children learnt to	range of jumps to include in sequence work. Netball Prior learning (year 3) The children learnt to explore Sending and receiving abiding by the rules of the game,	jump. Develop technique and power in javelin and shot put. Tennis Prior learning (year 3) The children explored returning a ball using	space to support team mates <u>Knowledge</u> Children will learn how to strike a ball into space to score points. They will also learn to communicate,
Knowledge The children learn about competitive games, how to modify where appropriate and learn basic principles suitable for attacking and	pressure. Develop decision making around when to pass and when to shoot. Develop defending	dribble the ball by the rules of the Game under some pressure. Explore shooting and how to track opponents. <u>Knowledge</u>	developed movement skills to lose a defender, explore shooting actions in a range of invasion games, track opponents and move	focus shots such as the forehand and backhand, explored serving from an underarm serve ans explored rallying with a forehand	collaborate and compete with each other. The will also learn the key principles of striking and fielding. <u>Skills</u> Develop batting technique

defer	nding	one on one and know	The children learn	with a ball towards a	Knowledge	consistent with the
derei	iaing	when to win the ball.	about competitive	goal.	Children will learn	rules of the game.
Skills		when to win the built	games, how to modify	500H	about a variety of	raies of the game.
	op passing to a	Move into space to	where appropriate and	Knowledge	tennis skills such as	Develop bowling with
	mate using a variety of	help their team keep	learn basic principles	Children will learn	the ready position,	some consistency,
techni	iques appropriate to	possession and score	suitable for attacking	about the key skills	racket control and	abiding by the rules of
the ga	ame.	goals.	and defending.	and principles needed	forehand and	the game.
		Source		such as defending,	backhand ground	the Sumer
	op control whilst	Key vocabulary	Skills	attacking, throwing,	strokes. They will	Use overarm and
dribbl	ling.	Defence, tag, opponent,	Develop passing to a	catching and shooting	learn how to use	underarm throwing
Devel	op decision making	score, receiver, try,	teammate using a variety	to play competitive	different strategies	with increased
	id when to pass and	possession, onside,	of techniques	games.	and tactics.	consistency.
shoot	-	outwit, mark, dodge and	appropriate to the game.	5		,
		offside.		<u>Skills</u>	Skills	Beginning to catch
	op defending one on	In year 5 the children will	Develop control whilst	Develop passing to a		with one and two
	nd know when to win	In year 5 the children will apply a variety of	dribbling.	teammate using a	Demonstrate	hands with some
the ba	all.	dribbling techniques,	Develop decision making	variety of techniques	increased technique	consistency.
KoyV	ocabulary	creating tactics, tracking	around when to pass and	appropriate to the	when using shots both	
	le, shoot, opponent,	and marking in game	shoot.	game.	cooperatively and	Key vocabulary
	sition, grip, receiver,	situations.			competitively.	Runs, strike, fielding,
	eption, trapping the		Develop defending one	Develop decision		stance, grip, technique,
ball, o	obstruction, possession,		on one and know when	making around	Develop techniques in	retrieve, stumped,
	k, defence, mark and		to win the ball.	when to pass and	serving underarm	wicket, batting, wicket
push p	pass.		Key Vocabulary	when to shoot.	with increased	keeper, bowl, two-
La com	n Eiste eine bilden ein still		Goal keeper, opponent,		consistency.	handed pick up and
	or 5 the children will to explore creating		opposition, dribbling,	Move into space to		short barrier.
	s with others and		defender, attacker,	help their team keep	Develop rallying using	
	ing them to game		communication, tracking,	possession and score	both forehand and	
	ion and develop		control, tackle, outside,	goals.	backhand.	In year 5 the children
	ng and marking with a		possession, inside and			will Explore defensive
	y of techniques.		available.	Develop defending one	Begin to used	and driving hitting
			In yoar E the children will	on one and know	appropriate footwork	techniques. Develop
			In year 5 the children will learn to explore creating	when to win the ball.	patterns to move	over and underarm
			tactics with others and		around the court.	bowling technique.
			applying them to game	Key vocabulary	_	Select and apply long
			situation and develop	Footwork, pivot,	Key vocabulary	and short barriers
			tracking and marking	opponent, receiver,	ready position, return,	appropriate to the
				landing foot,	serve, rally, control,	situation. Demonstrate

with a variative of	interportion reheard	annonant faraharal	alaar taabaiswa
with a variety of techniques.	interception, rebound,	opponent, forehand	clear technique
techniques.	obstruction,	and backhand	when using a
	possession, attack,		variety of throws under
	defence, contact and	In year 5 the children	pressure. Explore
	mark	will learn develop the	catching
		range of shots used in	skills (close/deep
	In year 5 the children	a game and develop	and wicket keeping)
	will learn to control	their range of serving	and
	sending and receiving	techniques.	apply these with some
	under pressure,		consistency
	creating tactics and		
	applying them in the		OAA
	game, develop tracking		Prior learning (year 3)
	and marking and move		The children learnt to
	to create space for		plan and implement
	themselves and others		strategies to solve a
	in their team.		problem, developed
			map reading sills,
			follow nd give
			instructions and how
			to reflect on when and
			why they were
			successful at solving
			challenges.
			chancinges.
			Knowledge
			Children will learn
			about a variety of
			teamwork skills to plan,
			-
			solve, reflect and
			improve strategies,
			while taking apart in
			outdoor and
			adventurous activities.
			<u>Skills</u>
			Plan independently and
			in small groups
			implanting a strategy

		overcome increasingly challenging tasks and develop navigational
		In year 5 the children will explore tactical planning with a team to
		symbol, effectively, plan, rules, trust, orientate.
		Key vocabulary Navigate, route, collaborate, inclusive, grid, discussion,
		successful at solving challenges.
		accuracy, critically reflect on when and why they were
		communication ideas and listen to others. With increased
		grid. Confidently
		a map and use a key to help navigate around a
		with increased success. Identify key symbols on

Prior learning (year3)

Children learnt to use technology safely and respectfully, keeping personal information private. They also learnt to recognise acceptable and unacceptable behaviour online.

<u>Knowledge</u>

The children will learn why it is important to use technology responsibly. They will also learn where to go for help and support when he/she has concerns about content or contact on the internet or other online technologies.

<u>Skills</u>

Use technology responsibly and understand that communication online may be seen by others.

In year 5 the children will learn to understand the need to only select age appropriate content.

Using Computers	Computer Science	Coding	Net Searching	Networks
Prior learning (year3)	Prior learning (year 3)	Prior learning (year 3)	Prior learning (year 3)	Prior learning (year3)
With support, the children	Children recognise	Children learnt to design, write and debug	Children learnt to use	The children began to
learnt to select and use a	familiar forms of input	programs that control or simulate virtual events.	simple search	understand that
variety of software to	and output devices		technologies and	computer networks
accomplish goals	and how they are used	Knowledge	recognise that some	enable the sharing of data and information.
	and make efficient use	The children will begin to learn how to	sources are more	
<u>Knowledge</u>	of them.	decompose (break down) programs into smaller	reliable than others.	They also began to
With support, the children		parts.	Knowladza	understand that the
will learn to use a variety	<u>Knowledge</u>		Knowledge Children will learn	internet is a large
of software on a range of	Children learn about	<u>Skills</u>	how results are	network of computers
digital devices.	different input devices	They will use logical reasoning to detect and	selected and ranked	and that information can
	such as cameras or	correct errors in algorithms and programs.		be shared between
<u>Skills</u>	sensors	The second	by search engines.	computers.
Use a variety of different	<u>Skills</u>	They will select, use and combine a variety of	Skills	
digital devices.	Use different input	software, systems and content that accomplish		<u>Knowledge</u>
	devices to accomplish	given goals	Use search tools to	Children begin to learn
Use different programmes	a given goal.	la constant de Children cuill de sign in automatica de set	research information	what servers are and how
with increasing		In year 5 the Children will design, input and test	about new topics.	they provide services to
confidence e.g. Word,		increasingly complex set of instructions to a		a network.
PowerPoint, the internet, Excel etc.		program or device. Design, write and debug	In year 5 the children	
EXCELEC.		programs that accomplish specific goals,	use filters in search	<u>Skills</u>
			technologies	Begin to use severs

	In year 5 the children can independently select and use appropriate software for a task. Independently select, use and combine a variety of software to design and create content for a given audience.	including controlling of s systems. Design, write and test sin follow a sequence of inst of instructions to be repo Children will design, writ programs with opportun where a particular result actions or situations com Use logical reasoning to complex algorithms work efficiency.	mple programs that cructions or allow a set eated. e and test simple ities for selection, will happen based on trolled by the user. explain how increasingly	effectively and appreciate how results are selected and ranked.	In year 5 the children will begin to use internet services to share and transfer data to a third party.
Music	Singing Prior learning (year 3) To know and be able to talk about the instruments used in class (a glockenspiel, recorder)Preparation for Young VoicesHarvest Festival Children will learn to sign to a song and perform this at the Harvest Festival.Mamma Mia Children will learn about the song Mamma Mia and use instruments to perform as a class.	Composition Prior learning (year 3) To know and be able to talk about: Singing in a group can be called a choir. Leader or conductor: A person who the choir or group follow Songs can make you feel different things e.g. happy, energetic or sad. Singing as part of an ensemble or large group is fun, but that you must listen to each other. To know why you must warm up your voice.		Performance Prior learning (year 3) To know and be able to talk about: Performing is sharing music with other people, an audience. A performance doesn't have to be a drama! It can be to one person or to each other. You need to know and have planned everything that will be performed. You must sing or rap the words clearly and play with confidence. A performance can be a special occasion and involve an audience	

Knowledge To know and be able to talk about: Singing in a group can be called a choir Leader or conductor: A person who the choir or group follow Songs can make you feel different things e.g. happy, energetic or sad. Singing as part of an ensemble or large group is fun, but that you must listen to each other Texture: How a solo singer makes a thinner texture than a large group To know why you must warm up your voice

Skills

To sing in unison and in simple two-parts. To demonstrate a good singing posture. To follow a leader when singing. To enjoy exploring singing solo. To sing with awareness of being 'in tune'. To rejoin the song if lost. To listen to the group when singing. Glockenspiel Children will develop and

Children will learn about a song linked to anti-bullying. They will compose lyrics linked to this theme.

Knowledge

To know and be able to talk about: A composition: music that is created by you and kept in some way. It's like writing a story. It can be played or performed again to your friends. Different ways of recording compositions (letter names, symbols, audio etc.

Skills

Help create at least one simple melody using one, three or all five different notes. Plan and create a section of music that can be performed within the context of the unit song. Talk about how it was created. Listen to and reflect upon the developing composition and make musical decisions

including of people you don't know. It is planned and different for each occasion. It involves communicating feelings, thoughts and ideas about the song/music

Knowledge

To know and be able to talk about: Performing is sharing music with other people, an audience A performance doesn't have to be a drama! It can be to one person or to each other You need to know and have planned everything that will be performed You must sing or rap the words clearly and play with confidence A performance can be a special occasion and involve an audience including of people you don't know It is planned and different for each occasion

explore playing the glockenspiel, following increasingly challenging rhythms.

<u>Knowledge</u>

To know and be able to talk about the instruments used in class (a glockenspiel, recorder or xylophone). Other instruments they might play or be played in a band or orchestra or by their friends.

<u>Skills</u>

To treat instruments carefully and with respect. Play any one, or all four, differentiated parts on a tuned instrument – a onenote, simple or medium part or the melody of the song from memory or using notation. To rehearse and perform their part within the context of the Unit song. To listen to and follow musical instructions from a leader. To experience leading the playing by making sure everyone plays in the

about pulse, rhythm, pitch, dynamics and tempo. Record the composition in any way appropriate that recognises the connection between sound and symbol (e.g. graphic/pictorial notation).

'Lean on Me'

Children will learn about soul/gospel music and helping one another. They will focus on the pulse, rhythm and pitch to compose music and incorporate instruments.

<u>Knowledge</u>

To know five songs from memory and who sang them or wrote them. To know the style of the five songs. To choose one song and be able to talk about. Some of the style indicators of that song (musical characteristics that give the song its style). It involves communicating feelings, thoughts and ideas about the song/music Children will sing as part of a group or independently. They will use musical skills and techniques including timing, rhythm, tune and pitch. A range of musical instruments will be used.

<u>Skills</u>

To choose what to perform and create a programme. a musical performance designed to capture the audience. To communicate the meaning of the words and clearly articulate them. To talk about the best place to be when performing and how to stand or sit. To record the performance and say how they were feeling, what they were

playing section of the song.

Key Vocabulary

Song, perform, rehearse, melody, choir, conductor, notes, tone, orchestra.

In year 5 the children will look into the history of music. They will learn to use staff and other relevant notations appropriately and accurately in a range of musical styles, genres and traditions. The lyrics: what the song is about. Any musical dimensions featured in the song and where they are used (texture, dynamics, tempo, rhythm and pitch). Identify the main sections of the song (introduction, verse, chorus etc). Name some of the instruments they heard in the song.

<u>Skills</u>

To confidently identify and move to the pulse. To talk about the musical dimensions working together in the Unit songs eg if the song gets louder in the chorus (dynamics). Talk about the music and how it makes them feel. Listen carefully and respectfully to other people's thoughts about the music. When you talk try to use musical word. **Key Vocabulary**

pleased with what they would change and why.

'Blackbird'

Children will learn to use a variety of instruments in time with the song 'Blackbird'. They will develop their understanding of how to use different instruments and altogether will create an ensemble.

Key Vocabulary

Performance, timing, rhythm, tune, pitch, instruments, ensemble.

In year 5 the children will develop a deepening understanding of the music that they perform and to which they listen, and its history. They will play and perform confidently in a range of solo and ensemble contexts using their

			Composition, chorus, ensemble, lyrics, dynamics, quaver, semi-quaver, crotchet, pulse, rhythm, pitch, tempo. In year 5 children will improvise and compose; and extend and develop musical ideas by drawing on a range of musical structures, styles, genres and traditions.	voice, playing instruments musically, fluently and with accuracy and expression	
Art	Antarctica pictures and	Sketching Endurance	Canopic jars	Inca Soap Sculpture	Famous Artists
	colour filters Prior learning (year3)	Prior learning (year3) The children learnt to	/Papyrus &Hieroglyphics	Prior learning (year3) Plan, design and make	Prior learning (year 3) The children learnt
	The children will begin to	use different media to	Prior learning (year3)	a model/sculpture	about European
	use and combine	achieve variations in	The children learnt to	Create	famous artists: Monet
	previously learnt brush	line, texture, tone,	Join clay adequately	models/sculptures	and Rembrandt.
	skills for specific purposes.	colour, shape and	and work reasonably	using different	
	Mix a range of colours and	pattern.	independently.	materials such as	Knowledge
	know which primary		Construct a simple clay	wood, papier-mâché,	The children will learn
	colours make secondary	Knowledge	base for extending and	recycled materials.	differences and
	colours.	The children will begin	modelling other		similarities within the
	Use a developed colour	to learn the	shapes.	<u>Knowledge</u>	work of artists,
	vocabulary.	relationships between line and tone, pattern	Plan, design and make	The children will learn	craftspeople and
	Experiment with different	and shape, line and	a model/sculpture	about the artistic	designers in different
	textures and effects (e.g.	texture, while	Create	Ancient Incas and	times and cultures.
	blocking in colour,	sketching different	models/sculptures	study art and design	CI 111
	washes, layering, brush	perspective of the	using different	techniques, including	<u>Skills</u>
	size and thickened paint.)	Endeavor	materials such as	drawing, painting and	Research/Explore
	Begin to work confidently		wood, papier-mâché,	sculpture with a range	details of artist and
	with different scales (e.g.		recycled materials.	of materials [for	relevance to time

small brush on small	Make informed	Knowledge	example, pencil,	
picture)	choices in drawing	The children will learn	charcoal, paint, clay]	In year 5 the children
	including paper and	about Canopic jars and	about great artists,	will learn to relate
Knowledge	media	how they are made	architects and	artists to periods of
The children will learn		and will learn how to	designers in history.	time studied in history.
about how different	Use tone and shading	make informed choices		Ask and answer
techniques such as	when drawing to begin	about 3D technique	<u>Skills</u>	questions based on
sketching, painting and	to add depth to their	chosen.	Use a variety of	relevant artists.
modelling is used to	artwork.		materials.	Compare and contrast
create mood, feeling and		They learn how		work from artists from
movement.	Continue to develop	Papyrus paper is made.	Create different	similar artistic eras.
	awareness of objects		effects by using a	Begin to develop art
<u>Skills</u>	in 3D within drawings	They will explore	variety of tools and	appreciation.
Create a painting linked to	and how they can	shape, space and form.	techniques such as	
the polar region using one	show this in their		scratches.	
colour in various shades.	work.			
Use previously learnt				
brush skills with	Begin to investigate	<u>Skills</u>		
confidence and for	proportion, emotion	Plan, design, make and		
specific purposes.	and expression.	adapt Canopic jars.		
Make and match colours	Show increasing			
with increasing accuracy.	control.	Use a variety of		
Use more specific colour	Alter and refine	materials.		
language (e.g. tint, tone,	drawings and describe			
shade, hue)	changes using art	Talk about their work,		
	vocabulary.	using language		
Begin to make choices		appropriate to the		
about which paints and		task, materials and		
implements to use for	In year 5 the children	tools used.		
their art work.	will use a variety of			
	source material for	Weave paper to make		
Continue to explore the	their work.	Papyrus paper.		
use of texture and effects	Explore the potential			
with paint according to	properties of line,	Begin to use notes,		
what they need for the	tone, pattern, texture,	annotations and ideas		
task.	colour and shape with	in sketchbooks to		
	increasing confidence.	adapt and improve		
	(techniques)	their original ideas.		

Decim	Begin to show increasing independence and creativity with the painting process. In year 5 the children will continue to use previously learnt brush skills with confidence and for specific purposes. Demonstrate a secure knowledge about primary and secondary, warm and cold, complementary and contrasting colours. Make confident choices about which paints and implements to use for their art work. Work independently and confidently with the painting process. Begin to use preliminary studies to test media and materials. Create imaginative work from a variety of provided sources.	Use proportion, emotion and expression with increasing confidence.	In year 5 the children will use recycled, natural and manmade materials to create sculpture. Have a good understanding of the properties and abilities of materials they might use before planning a project. Understand that sculpture can be made through construction (adding) or carving (taking away) Plan a sculpture through drawing and other preparatory work.		Cooling
Design Technology		Design clothing suitable for a polar explorer & Inventing a new form of transport Prior learning (year 3) The children would have learnt to begin to	Create a Loop game Prior learning (year 3) The children learnt to select appropriate materials, fit for purpose. Work through a plan in	Mother's Day Card Prior learning (year 3) Select appropriate tools and techniques. Alter product after checking, to make it	Cooking Prior learning (year 30 The children learnt to think about how to grow plants to use in cooking.

research others'	order. Consider how	better. Begin to try	Begin to understand
needs.	good product will be.	new/different ideas.	food comes from UK
Show design meets a	Begin to measure,	Use simple lever and	and wider world.
range of requirements.	mark out, cut and	linkages to create	Describe how healthy
Describe purpose of	shape materials and	movement	diet= variety/balance
product.	components with		of food/drinks.
Follow a given design	some accuracy.	Knowledge	Explain how food and
criterion.		The children learn	drink are needed for
Have at least one idea		what a lever is and use	active/healthy bodies.
about how to create	<u>Knowledge</u>	their knowledge of	Prepare and cook some
product.	The children will learn	levers to design and	dishes safely and
Create a plan which	about electrical circuits	create their Mother's	hygienically.
shows order,	in science and use this	day cards.	
equipment and tools.	knowledge to create a		<u>Knowledge</u>
Describe design using	loop game.	<u>Skills</u>	The children will learn
an accurately labelled		Select most	about how food is
sketch and words.	<u>Skills</u>	appropriate tools and	grown around the
Make design decisions.	Select suitable tools	techniques.	worlds and how create
Explain how product	and equipment,		dishes using the food.
will work.	explain choices in	Explain alterations to	
Make a prototype.	relation to required	product after checking	<u>Skills</u>
Begin to use	techniques and use	it.	Think about presenting
computers to show	accurately.		product in interesting
design.		Grow in confidence	and attractive ways.
	Select appropriate	about trying	
<u>Knowledge</u>	materials, fit for	new/different ideas.	Understand ingredients
Children will learn	purpose; explain		can be fresh, pre-
about what clothing is	choices.	Use levers and linkages	cooked or processed.
needed to survive in		to create movement.	
the Antarctica and	Work through plan in		Begin to understand
why.	order.	In year 5 the children	about food being
		will learn Refine	grown, reared or
<u>Skills</u>	Realise if product is	product about testing.	caught in the UK or
Use research for	going to be good	Grow in confidence	wider work.
design ideas.	quality.	about trying	
Show design meets a		new/different ideas.	Describe eat well plate
range of requirements	Measure, mark out,		and how a healthy diet
and is fit for purpose.	cut and shape		

	materials and	Begin to use cams,	= variety/balance of
Begin to create	-	pulleys or gears to	food and drinks.
design criteria.	some accuracy.	create movement.	
Have at least o	ne idea		Explain the importance
about how to d	create Assemble, join and		of food and drink for
product and su	ggest combine materials and		acive, healthy bodies.
improvements	for components with		
design.	some accuracy. Apply		Prepare and cook some
	a range of finishing		dishes safely and
Produce a plan	and techniques with some		hygienically.
explain it to ot	hers. accuracy.		
Say how realist	ic plan		Use some of the
is.	Use number of		following techniques:
Include an ann	otated components in circuit.		peeling, chopping,
sketch.			slicing, grating, mixing,
Make and expl	ain In year 5 the children		spreading, kneading
design decision	will Realise if product		and baking.
considering av	ailability is going to be good		
of resources.	quality. Measure, mark		In year 5 the children
	out, cut and shape		will Begin to
Explain how pr	oduct materials and		understand seasonality
will work.	components with		of foods. Understand
Make a protot	ype. some accuracy.		food can be grown,
	Assemble, join and		reared or caught in the
In year 5 the cl	nildren combine materials and		UK and the wider
will learn to ta	ke a components with		world. Describe how
user's view int	o some accuracy.		recipes can be adapted
account when			to change appearance,
designing. Beg	in to		taste, texture, aroma.
consider needs	and		Explain how there are
wants of indivi	duals or		different substances in
groups when d	esigning		food/drink needed for
and ensure pro	oduct is		health. Prepare and
fit for purpose	Create		cook some savory
own design cri	teria.		dishes safely and
Have a range of	f ideas,		hygienically including,
			where appropriate, use
			of heat source. Use

		Produce a logical, realistic plan and explain it to others. Use cross-sectional planning and annotated sketches.				range of techniques such as peeling, chopping, slicing, grating, mixing, spreading, kneading and baking.
French	Revision Prior knowledge (Year 3) Children will learn to follow link pictures and actions to l Children will become consis numbers, colours, greetings instructions. They will learn when talking about animals The children will practise ve sentences using this knowle Key Vocabulary Vocabulary relating to number classroom instructions, anime Christmas. In year 5 children will learn reasons.	tent on knowing French and classroom how to speak in French , clothes and Christmas. rbally building dge. bers, colours, greeting, nals, clothes and	Weather/Family They will learn how to ta French and create their of will learn new French wo weather and link to diffe <u>Key Vocabulary</u> Vocabulary linked to fam French regions. In year 5 children will us vocabulary on a given to strategies to work out th unfamiliar words.	own family tree. They ords associated with the erent regions of France. hilies, weather and e dictionaries to extend pic and develop	Classroom Objects /Fra They will learn to talk ak using positional languag consolidate their unders country such as food, la people. <u>Key Vocabulary</u> Vocabulary related to cl positional language, foo people.	pout classroom objects e. Children will standing of France as a ndmarks and famous
RE		How is faith expressed in Hindu communities and traditions? Learn about the Hindu faith within families and communities in Britain		How do festivals and worship show what matters to a Muslim? Identify some beliefs about God in Islam. Learn about the Five Pillars and		What are the deeper meanings of the festivals? Identify and describe three festivals from different religions as well

		today. Learn about their		the festivals associated		as consider stories of key
		practices and what it is		with these.		religious festivals and the
		like to be a Hindu in				meanings behind them.
		current traditions.		For Christians what was		How and why do people
		Closely explore Diwali.		the impact of Pentecost?		
				Recall learning about		try to make the world a
		How is faith expressed in		Jesus' death and		better place?
		Sikh communities and		resurrection. Learn to		Refer back to previous
		traditions?		connect with their		knowledge to think about
		Develop an				some of the ways why the
		understanding of the key		learning on God as		world is not such a good
		beliefs in Sikhism. Learn		Trinity.		place. Explore ideas and
		about the Five Ks and				individuals that help
		explore the importance		Key vocabulary		inspire people to make
		of the Ten Guru's.		Trinity, God, Jesus, spirit,		the world a better place.
		of the fell duru s.		resurrection, Pentecost,		the world a better place.
		Key vocabulary		ascension, disciples, Five		
		Rama, Sita, Diva lamp,		Pillars, Allah, mosque,		Key vocabulary
		gods, lotus, good, evil,		hajj, Qur'an, Islam,		Festival, meaning,
		Guru, Five Ks, gurdwara,		Mecca, Ramadan, hijab,		significance, inspiring,
		guru.		burkha, Muhammad.		motivational.
PSHE	Relationships and Valuing [Difference	Keeping Myself Safe an	d Rights/	Growing & Changing an	d Health and Wellbeing
	Prior learning (year3)		Responsibilities and Bei	ing My Best	Prior learning (year3)	
	The children learnt to explain	in why we have rules;	Prior learning (year3)		The children learnt to id	lentify situations which
	Explain some of the feelings		••••	efine what a volunteer is;		ne the words danger and
	when they lose something i	•	Identify key people who			erence between the two;
	Define and demonstrate co					
		•	them to stay safe and he	• •	Identify some key risks	
	collaboration; Identify peop		difference between 'fac		cigarettes and alcohol; I	
	special relationship with; Co		Understand the terms 'i		given situations; Evalua	· · · · · · · · · · · · · · · · · · ·
	view. Recognise that there a	are many different types	'spending'; Explain that	people earn their income	statements relating to c	online safety;
	of family; Reflect on listenin	g skills; Recognise the	through their jobs; Expla	ain how some infectious	Demonstrate strategies	for assessing risks;
	factors that make people sin	milar to and different	illnesses are spread from	n one person to another;	Identify different types	of relationships;
	from each other; Understan		Develop skills in discussi		Understand what is mea	• • •
	the reasons why different p		issue; Explain some of th	-	space (or personal space	
	the reasons why unterent p	copie are builed.			'secret' and 'surprise' ar	
1						
	Ka avala da a		skills that people have a	nu now skins are		
	<u>Knowledge</u>		developed.	nu now skins are		unsafe secret; Recognise

Children will learn the importance of having respect	<u>Knowledge</u>	that babies come from the joining of an egg and
for self and others, courteous behaviours, safety	Children will have an understanding of possible	sperm.
and human rights.	risks, managing them and how to make	
	decisions.	<u>Knowledge</u>
Children will learn about a range of difference	Children will look at different ways of making a	Children will learn about how their bodies will
cultures and how important it is to respect	difference.	change over time.
everybody, even if their beliefs are different from		
our own.	They will know how to keep safe and who in the	They will also look at changes that will occur at
	community is there to help and support	different stages of their lives and how to keep
They will learn how to deal with conflict, anger and		healthy.
new challenges. They will have an understanding of	Skills	
who they are and their relationships with others.	Define the terms 'danger', 'risk' and 'hazard' and	Skills
	explain the difference between them; Know and	Recognise that there are times when they will
Skills	explain strategies for keeping safe online	make the same choices as their friends and tim
Describe 'good' and 'not so good' feelings and how		when they will choose differently.
feelings can affect our physical state; Explain what	Describe stages of identifying and managing risk	Understand that the body gets energy from
we mean by a 'positive, healthy relationship';	Explain how different people in the school and	
	local community help them stay healthy and safe	food, water and oxygen and that exercise and
Recognise that there are times when they might	Understand the reason we have rules	sleep are important to our health.
need to say 'no' to a friend; Demonstrate strategies		Understand the ways in which they can
for working on a collaborative task Recognise that different people can have different feelings in the	Understand some of the ways that various	contribute to the care of the environment (usi
same situation; Give examples of strategies to	national and international environmental	some or all of the seven Rs).
respond to being bullied, including what people can	organisations work to help take care of the environment	Identify qualities and attributes of people who
do and say;	environment	support the school community.
do and say,	In year 5 the children will learn about Councils,	Describe some of the changes that happen to
In year 5 the children will learn to take notice of our	Basic first aid, Rights responsibilities and duties,	people during their lives.
feelings, Team Work, building good relationships,	Communities, Making a difference, Spending	Understand how the onset of puberty can have
Kind Conversations and be Good to be me.	wisely, Borrowing money, Challenging work	emotional as well as physical impact Identify
	place gender stereotypes.	parts of the body that males and females have
	place Sellice Steleochpesh	common and those that are different.
		Know the key facts of the menstrual cycle.
		In year 5 the children will learn about Smoking
		getting fit, Independence and responsibility,
		Bullying, being assertive Drugs – true or false,
		Dilemmas, growing up and changing bodies.