

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Themes	<ul> <li>Weekly themes:</li> <li>Welcome Back – LIFE</li> <li>Rosh Hashanah</li> <li>Recycling week</li> <li>Yom Kippur</li> <li>Black History Month</li> <li>World Mental Health</li> <li>World Food Day</li> </ul> Drop Down theme: Di de los Muertos SEMH theme: Problem solving	<ul> <li>Weekly themes: <ul> <li>Remembrance Day</li> <li>Diwali</li> <li>World Children's Day</li> <li>Giving Tuesday</li> <li>Hanukah</li> <li>Christmas</li> </ul> </li> <li>Drop Down theme: <ul> <li>Christmas around the world</li> </ul> </li> <li>SEMH theme: <ul> <li>Self-worth</li> </ul> </li> </ul>	<ul> <li>Weekly themes: <ul> <li>Young Campaigners</li> <li>World Religion Day</li> <li>Holocaust</li> <li>LGBTQ History Month</li> <li>Internet Safety</li> </ul> </li> <li>Drop Down theme: Charities</li> <li>SEMH theme: Self-Awareness</li> </ul>	<ul> <li>Weekly themes:</li> <li>Random acts of kindness</li> <li>Mental health/ self-harm awareness</li> <li>World Book Day</li> <li>Commonwealth Day</li> <li>Commonwealth Day</li> <li>International Women's Day</li> <li>Easter</li> </ul> Drop Down theme: Easter SEMH theme: Relationships	<ul> <li>Weekly themes: <ul> <li>Eid</li> <li>St George's Day</li> <li>Local Community</li> <li>VE Day</li> <li>International Day against homophobia, Biphobia and Transphobia</li> <li>Cultural Diversity</li> </ul> </li> <li>Drop Down theme: <ul> <li>World Cultures</li> </ul> </li> <li>SEMH theme: <ul> <li>Communication/Interactions</li> </ul> </li> </ul>	<ul> <li>Weekly themes:</li> <li>Pride</li> <li>Gypsy/ Roma/ Traveller Month</li> <li>Refugee Week</li> <li>Windrush</li> <li>Careers</li> <li>Mental Health/ addiction</li> </ul> Drop Down theme: BBA-polooza SEMH theme: Independence
English FOR Blue: poetry Black: fiction	Harry Potter and the Philosopher's Stone JK Rowling	Cosmic - Frank Cotrell Boyce	Flood Land - Marcus Sedgewick	Twitch by M.G. Leonard	Wolf Brother - Michelle Paver	The Arrival - Shaun Tan



Green:	Teaching approaches	Teaching approaches	Teaching Approaches	Teaching Approaches	Teaching	Teaching
non-	To be able to select and	To explore dilemmas,	To engage children with	Response to	approaches	approaches
fiction	retrieve information from	empathising with characters.	a story which they will	illustration	To understand the	To develop deep
	the novel.	To consider how particular	empathise.	Reading Aloud	genre of 'quest	comprehensive
	To understand the genre	situations make individuals	To explore themes and	Role on the Wall	stories'	skills to learn about
	and make comparisons to	behave and do.	issues, and develop and	Debate and Discussion	To consider	the narrative
	similar stories.	To build an imitative picture	sustain ideas through	Book Talk	different view	Giving time and
	To explore the writers	of a fantasy world, based on	discussion.	Visualisation	points	space to allow
	effect and views on the	real life experiences.	To write in role in order	Text Marking	To build an	children to depict
	characters.		to explore and develop	Double Bubble	imaginative picture	the illustrations.
	To be able to explore the		empathy for children.	Readers Theatre	of a different	To recognise
	format of a non-fiction	Writing outcomes	To develop creative	Conscience Alley	world	sequence and be
	text.	Plan writing by discussing	responses to the text	Freeze Frame and	To explore themes	able to make
		writing similar to that which	through drama,	Thought Tracking	of bravery and	predictions.
		they are planning to write.	storytelling and art	Hot Seating	loyalty	
		Draft and write by composing	work.	Story mapping		
		and rehearing sentences				
		orally.		Writing outcomes		Writing outcomes
	Writing outcomes	Write a narrative, creating		Knowledge Organisers	Writing outcomes	Plan and design
	Children to write PEE	characters and plot.	Writing Outcomes	Balanced Argument	Plan writing by	your own wordless
	paragraphs.	Draft and write arguments	Identify audience and	Information Writing	identifying the	graphic novels.
	To create a magical	based on themes explored in	purpose for writing.	Personal Writing	audience and	Explore other ways
	creature.	a text.	Selecting the	Writing in Role	purpose.	of communication.
	To write a narrative,		appropriate form and	Poetry	Draft and write by	Developing
	creating characters and		using similar writing as	Explanatory Writing	selecting	listening to others
	plot.		models.	News Report	appropriate	points of view.
			Noting and developing	Extended Narrative	grammar and	
			initial ideas, using		vocabulary.	
			research where		To write a	
			necessary.		narrative,	
					describing setting,	



					characters and atmosphere and integrate dialogue to convey the character.	
Spelling –	Recap of mixed spellings pattern from previous	Words with silent letters	Recap Autumn Term	Endings which sound	Recap – Spring	ly endings Words with silent letters
Purple Mash	years Recap from prior	Words with the /i:/ sound spelt ei after c and other	Words containing the letter string ough Words	like /ʃəs/ spelt -cious or -tious Words ending in	Term Homophones – words that are	STAT LIST Random
	years Recap from prior	consonants Exceptions to	ending in able STAT LIST	-ancy Nouns that end	confused Words	Consolidating End
	years STAT LIST – Random	the i before e rule except	- Random Homophones	in -ce/-cy and verbs	ending in ably	of year statutory
	Words ending in -able and – ably Consolidating	after c STAT LIST – RANDOM Words containing the letter	<ul> <li>words that are confused Consolidating</li> </ul>	that end in -se/-sy STAT LIST Random	(continued) STAT LIST Random	words assessment End of year
		string ough Consolidating		Words with silent	Words with silent	statutory words
				letters Consolidating	letters	assessment
Character	- Week 1 2 Decidition				Consolidating	
Grammar		rite (choosing nouns and		esis (Brackets, dashes ek 4-6 Expanded noun		ommas (clarifying
	pronouns for clarity, expanded noun phrases, fronted adverbials with commas, plural and		phrases (Conveyir	•	meaning and avoiding ambiguity in writing) Week 3-9 Cohesion	
	possessive -s, punctuating direct speech)			sely) Week 7-11 Tenses	(devices to build cohesion within	
		auses (beginning with who,,		form of verbs to mark	a paragraph, linking ideas using	
	which, where when,	whose, that or an implied	relationships of ti	me and cause)	adverbials)	



	relative pronoun) We of possibility) Week possibility) Week 12	9-11 Adv		Week 12 Assessm	ent and consolidation	e.g. dis-, de- Week 11 Su nouns or ad using suffixe	efixes (verb prefixes , mis-, over- and re-) fixes (converting jectives into verbs is e.gate, -ise, ify) sessment and n
Guided	Mr Stink		Diary of a	Harry potter and the	Just jack	Alex Rider	Ghost stories
Reading			wimpy kid	chamber of secrets			
Reading	First news		Alice in	The time machine	Wind in the willows	Swiss family	Peter pan
VIPERS		T	wonderland			Robinson	
Maths	Place value	Fractio		Ratio	Decimals and	Shape	Consolidation and
	Week 1 – 2	Week 1		Week 1-2	percentages	Week 1 - 3	problem solving
White	Numbers to 1,000,000		ent fractions and	Add or multiply?	Week 1 – 2	Measure and	Weeks 1-6
Rose	Numbers to 10,000,000	simplify	•	Use ratio language	Decimal and fraction	classify angles	The projects have
Maths	Read and write numbers to		ent fractions on a	Introduction to the ratio	equivalents	Calculate angles	been designed to
	10,000,000	numbe	-	symbol	Fractions as division	Vertically opposite	explore maths in
	Powers of 10	•	re and order	Ratio and fractions	Understand	angles	real life contexts,
	Number line to 10,000,000	(denom		Scale drawing	percentages	Angles in a triangle	allowing children to
	Compare and order any		re and order	Use scale factors Similar	Fractions to	Angles in a triangle	see how important
	integers	(numer	•	shapes	percentages	– special cases	maths is in all
	Round any integer		d subtract simple	Ratio problems	Equivalent fractions,	Angles in a triangle	aspects of life. As
	Negative numbers	fraction		Proportion problems	decimals and	– missing angles	well as this we have
	Addition and subtraction	fraction	d subtract any two	Recipes	percentages Order fractions	Angles in a	looked to provide cross curricular
	Week 3 - 4		xed numbers Subtract	Algebra	Order fractions, decimals and	quadrilateral Angles in polygons	links where
			numbers	Algebra Week 3-4		Circles	
	Add and subtract integers Multiplication and division	Fractio		Function machines	percentages Percentage of an	Draw shapes	appropriate, for example, including
	Week 5-7	Week 3	-	2-step function	amount – one step	accurately	tasks that develop
	Common factors		y fractions by integers	machines	Percentage of an	Nets of 3-D shapes	design and
	Common multiples		y machons by milegers		amount – multi-step	ivers of 5-b shapes	technology skills
	common multiples			l	amount – muiti-step		LECHHOLOGY SKIIIS



	Rules of divisibility Primes to 100 Square and cube numbers Multiply up to a 4-digit number by a 2-digit number Solve problems with multiplication Short division Division using factors Introduction to long division Long division with remainders Solve problems with division Solve multi-step problems Order of operations Mental calculations and estimation	Multiply fractions by fractions Divide a fraction by an integer Divide any fraction by an integer Mixed questions with fractions Fraction of an amount Fraction of an amount – find the whole <b>Measurement (converting units) Week 5</b> Metric measures Convert metric measures Calculate with metric measures Miles and kilometres Imperial measures	Form expressions Substitution Formulae Form equations Solve 1-step equations Solve 2-step equation Find pairs of values Solve problems with two unknowns <b>Decimals</b> <b>Week 5-6</b> Place value within 1 Place value – integers and decimals Round decimals Add and subtract decimals Multiply by 10, 100 and 1,000 Divide by 10, 100 and 1,000 Multiply decimals by integers Divide decimals by integers Multiply and divide decimals in context	Perimeter and area and volume Week 3-4 Shapes – same area Area and perimeter Area of a triangle – counting squares Area of a right-angled triangle Area of any triangle Area of a parallelogram Volume – counting cubes Volume of a cuboid Statistics Week 5-6 Line graphs Dual bar charts Read and interpret pie charts Pie charts with percentages Draw pie charts The mean	Position and direction Week 4 The first quadrant Read and plot points in four quadrants Solve problems with coordinates Translations Reflections Themed projects Week 5-6 The projects provide an opportunity to revisit many of the skills and curriculum content covered both in Year 6 and also the rest of Key Stage 2.	and geographical knowledge. They also provide a great opportunity to explore and develop enterprise.
Science Switched on	Animals, including humans - staying alive	Electricity – Electrifying	Let it shine - Light	Living things and their habitats - Classifying critters	We're evolving - evolution and inheritance	We are dinosaurs - Scientific enquiry



<u> </u>							
	ence-	Subject knowledge: •	NC strand: Electricity Subject	NC strand: Light Subject			NC strand:
	irst	Identify and name the main	knowledge: • Use recognised	knowledge: • Recognise	NC strand: Living things	NC strand:	Evolution and
Edi	ition	parts of the human	symbols when representing	that light appears to	and their habitats	Evolution and	inheritance Subject
		circulatory system, and	a simple circuit in a diagram.	travel in straight lines.	Subject knowledge: •	inheritance Subject	knowledge: •
		describe the main	<ul> <li>Associate the brightness of</li> </ul>	<ul> <li>Use the idea that light</li> </ul>	How living things are	knowledge: •	Recognise that
		functions of the heart,	a lamp or volume of a	travels in straight lines	classified into broad	Recognise that	living things have
		blood vessels and blood. •	buzzer. • Compare the	to explain why shadows	groups. • Give reasons	living things	changed over time
		Recognise the impact of	reasons for variations in how	have the same shape as	for classifying animals	produce offspring	and that fossils
		exercise on the way their	components function. •	the objects that cast	based on specific	of the same kind,	provide information
		bodies function. Working	Associate the brightness of a	them. •Use the idea that	characteristics. •	but normally	about living things
		scientifically: • Record	lamp and volume of a buzzer	light travels in straight	Classify into broad	offspring vary and	that inhabited the
		using scientific diagrams. •	with the number of voltage	lines to explain that	groups according to	are not identical to	Earth millions of
		Report findings from	of cells used in the circuit. •	objects are seen	common observable	their parents. •	years ago. •
		enquiries e.g. display and	Use recognised symbols	because they give out or	characteristics and	Identify how	Compare everyday
		other presentations. • Take	when representing a simple	reflect light into the eye.	based on similarities	animals and plants	materials on the
		measurements, using a	circuit in a diagram. •	<ul> <li>Recognise that light</li> </ul>	and differences –	are adapted to suit	basis of their
		range of scientific	Research information on	appears to travel in	including	their environment	properties, thermal
		equipment. Record data	renewable energy Working	straight lines. Working	microorganisms / fungi	in different ways. •	conductivity. •
		and results. Report	scientifically: • Record using	scientifically: • Report	/ five kingdoms •	Identify how	Identify how
		findings, including	diagrams. • Record using	findings from enquiries,	Classification – Carl	animals are	animals are
		conclusions, causal	scientific diagrams and	including conclusions	Linnaeus Working	adapted to suit	adapted to suit
		relationships and	present findings including	and causal relationships.	scientifically: • Use	their environment	their environment
		explanations. • Plan a	conclusions. • Identify	<ul> <li>Plan a scientific</li> </ul>	classification keys •	in different ways	in different ways
		scientific enquiry to answer	scientific evidence that has	enquiry to answer a	Plan different types of	and that	and that adaptation
		question. Identify scientific	been used to support or	question, including	scientific enquiries to	adaptation may	may lead to
		evidence that has been	refute ideas or arguments	recognising and	answer questions. •	lead to evolution.	evolution. Working
		used to support or refute	about renewable energy.	controlling variables	Plan different types of	Recognise that	scientifically: • Plan
		ideas or arguments. • Draw		where necessary (fair	enquiry – researching	living things have	different types of
		conclusions, causal		test), present findings	using secondary	changed over time	scientific enquiries
		relationships and		including conclusions.	resources. • To know	and that fossils	to answer
		explanations.		Present findings	about the life and work	provide	questions, report



findings including	including conclusions. •	of a scientists – Carl	information about	and present
conclusions, causal	Record using scientific	Linnaeus.	living things that	findings from
relationship and	diagrams, present		inhabited the Earth	enquiries. • Plan a
explanations. Use to	findings including		millions of years	scientific enquiry
support or refute	conclusions.   • Report		ago. Working	controlling
arguments. • To know	and present findings		scientifically: •	variables where
about the life and work of a	from enquiries including		Record data and	necessary, taking
scientists – John Boyd Orr.	conclusions, causal		results using	repeat readings
<ul> <li>Record data and results</li> </ul>	relationships.		tables. • Record	when appropriate,
as a graph or report			data using	using test results to
conclusions. To know			diagrams • Record	make predictions,
about the life and work of a			results, report and	present findings,
scientists – John Boyd Orr.			present findings,	including
			including	explanations.
			conclusions, causal	Record data and
			relationships and	results, report
			explanations.	findings, including
			Identify scientific	conclusions, causal
			evidence that has	relationships and
			been used to	explanations of and
			support ideas.	degree of trust in
			Identify scientific	results. • Identify
			, evidence that has	evidence to support
			been used to	or refute ideas.
			support ideas. To	Identify scientific
			know about the	, evidence that has
			life and work of a	been used to
			scientists – Mary	support or refute
			, Anning.	ideas or arguments.
			č	č



Humaniti	Geography – our local area	History – Space	Geography – Exploring Brazil	History – Crime and	History – Children	Geography –
es Plan Bee	<ul> <li>To explore economic activity as part of a local area study.</li> <li>To explore land use as part of a local area study.</li> <li>To explore settlements as part of a local area study.</li> <li>To explore rivers as part of a local area study.</li> <li>To explore mountains and hills as part of a local area study</li> <li>To explore settlements as part of a local area study.</li> </ul>	<ul> <li>To learn about the invention and development of the telescope and how it changed astronomy.</li> <li>To find out about the early years of space exploration from 1940 to 1970.</li> <li>To find out about the first landing on the moon.</li> <li>To find out about Mae Jemison.</li> <li>To investigate some of the ways in which astronauts explore space today</li> </ul>	<ul> <li>Brazil</li> <li>To know the location of Brazil</li> <li>To explore the physical geography of Brazil</li> <li>To understand the importance of the Amazon rainforest</li> <li>To find out about the urbanisation of Brazil</li> <li>To explore life in a Brazilian city</li> <li>To explore Rio de Janeiro as a tourist Destination</li> <li>To explore the culture of Brazil</li> </ul>	<ul> <li><b>Punishment</b></li> <li>To introduce the broad trends of crime and punishment from the Romans to the 21<sup>st</sup> century.</li> <li>To explore crime and punishment in the Roman period.</li> <li>To explore and punishment in the Anglo-Saxon and Viking period.</li> <li>To explore crime and punishment in the medieval and Tudor periods.</li> <li>To explore crime and punishment in the early modern period.</li> <li>To explore crime and punishment in the early modern period.</li> <li>To explore crime and punishment in the Victorian period.</li> <li>To recap the history of crime</li> </ul>	<ul> <li>in Victorian Britain</li> <li>To place the Victorians on a timeline and consider what life was like for children in this period.</li> <li>To find out what life was like for poor children in Victorian Britain.</li> <li>To understand some of the changes that took place for poor children in the 19th century.</li> <li>To be able to compare modern and Victorian schooling.</li> <li>To investigate how Victorian children spent</li> </ul>	<ul> <li>extreme earth <ul> <li>To find out about the Earth's climate and areas of extreme temperatures.</li> </ul> </li> <li>To find out about the water cycle and the distribution of water across the world.</li> <li>To find out about extreme weather conditions across the world.</li> <li>To find out about earthquakes and what causes them</li> <li>To find out about tsunamis</li> </ul>



				and punishment and compare it to today	<ul> <li>their leisure time.</li> <li>To find out about daily life for children in Victorian Britain.</li> <li>To recall information about the life of children in Victorian times.</li> <li>To find out about daily life for children in Victorian Britain.</li> <li>To recall information about daily life for children in Victorian Britain.</li> <li>To recall information about the life of children in Victorian Britain.</li> <li>To recall information about the life of children in Victorian Britain.</li> </ul>
Art and DT	DT – Bird houses	DT – Space	ART - Express yourself	ART – People in action	DT/ Art – Extreme earth
Plan Bee	<ul> <li>To investigate the purpose appearance of bird houses.</li> </ul>		<ul> <li>To explore how clothing can be used express ourselves.</li> </ul>	<ul> <li>To be able to record from first-hand observation.</li> </ul>	<ul> <li>To be able to design, make and evaluate a waterproof container</li> <li>To be able to design, make and evaluate interactive info-boxes.</li> </ul>



	<ul> <li>To investigate the materi features of bird houses a draw diagrams.</li> <li>To investigate and practis woodwork skills.</li> <li>To be able to design a bir a specific bird.</li> <li>To be able to make a bird following a plan.</li> <li>To evaluate, make predict and promote a complete house.</li> </ul>	ind how to ise rd house for d house by ctions ed bird •	before designing, making and evaluating a sundial. Creating motorised circuits in order to create a moving Mars Curiosity Rover Exploring the world of origami and using this understandi ng to make an origami star. Creating a fictional planet using mixed media.	• • •	To observe and draw different facial expressions. To create wire models to express body language. To explore how lines and fonts can express ideas. To explore how artists use colour to express themselves in their art. To study the artwork of Chuck Close and explore his techniques.	•	To study facial expressions relating to movement. To study the techniques of artists when portraying movement. To be able to create a montage to portray movement. To be able to use printing to create movement art. To be able to use the ideas gathered from different artists, methods and techniques to create a piece of movement art.	<ul> <li>'The Great W</li> <li>To use colou create artisti</li> <li>To be able to of an animal conditions.</li> </ul>	r, line and shading to c tornadoes. c create a clay sculpture that lives in extreme
PE	Basketball Swimming	Gymnastics		Ва	dminton		Swimming / Striking and Fielding	Outdoor Adventurous activities	Swimming Athletics



• To be able to enter the	<ul> <li>Develop flexibility,</li> </ul>	Using balloons allows	This Football unit	n this Athletics	<ul> <li>To be able to</li> </ul>
water safely in a variety of	strength, technique, control	more reaction time. •	focuses on the main	unit, children will	enter the water
ways.	and balance by learning and	Send and receive the	skills needed to play	have the	safely in a variety of
<ul> <li>Enter a pool with safe</li> </ul>	performing a range of	shuttlecock by throwing	the world's most	opportunity to	ways.
depth with jumping entry.	different jumps and leaps	and catching before	popular sport. Children	develop their	<ul> <li>Enter a pool with</li> </ul>
<ul> <li>Move freely in the water.</li> </ul>	<ul> <li>using mats and benches to</li> </ul>	using a racket. • A short	will be learning how to	existing running,	safe depth with
<ul> <li>Float and move without</li> </ul>	help with agility	handle racket can allow	dribble with the ball, as	jumping and	jumping entry.
swimming aids. • To be		better manipulation and	well as to pass and	throwing skills, as	<ul> <li>Move freely in</li> </ul>
able to propel themselves	<ul> <li>Compare their performance</li> </ul>	a larger racket face can	receive. They will learn	well as learning	the water.
in the water using different	with previous ones and	make the shuttlecock	about the fundamental	new techniques.	<ul> <li>Float and move</li> </ul>
swimming aids, arms and	demonstrate improvement	easier to hit. • Not using	principles of attacking	They will be	without swimming
leg actions and basic	to achieve their personal	a racket at all and just	and defending, such as	refining their sprint	aids. • To be able to
strokes.	best by adapting, improving	using the hand can make	finding space when	technique and	propel themselves
<ul> <li>Use recognised arm and</li> </ul>	and performing a group	it easier to hit the	attacking and denying	learning how to	in the water using
leg actions, lying on their	gymnastics routine	shuttlecock. • Using a	a player space when	work as a relay	different swimming
front or back.		larger shuttlecock may	defending. The	team by practising	aids, arms and leg
<ul> <li>To be able to swim</li> </ul>	<ul> <li>Develop flexibility,</li> </ul>	make it easier to strike.	defensive skills of	an effective baton	actions and basic
unaided for a sustained	strength, technique, control	<ul> <li>A larger playing area</li> </ul>	marking and tackling	changeover. They	strokes.
period of time over a	and balance by choosing	will give players more	will also be covered, as	will learn the	<ul> <li>Use recognised</li> </ul>
distance of at least 25	effective linking moves to	time and space to move.	well as shooting and	technique for	arm and leg
metres using arms and legs	create sequences of	<ul> <li>Removing a net or</li> </ul>	the importance of	throwing the	actions, lying on
to move.	movement.	barrier may improve	fitness in football. The	javelin (pull throw)	their front or back.
<ul> <li>Use a range of recognised</li> </ul>		success rate. • Using a	children will take part	and how to	<ul> <li>To be able to</li> </ul>
strokes.		brightly coloured	in a range of different	execute the	swim unaided for a
<ul> <li>Swim confidently and</li> </ul>		shuttlecock or a balloon	football-based games	standing triple	sustained period of
fluently on the surface and		with a bell inside it may	and drills in pairs, small	jump. The unit	time over a
underwater.		help students with visual	groups and as a whole	culminates in a	distance of at least
		impairment	class.	class pentathlon	25 metres using
				that the children	arms and legs to
				will compete in as	move.
				part of a team,	



					using and applying the running, throwing and jumping techniques they have learnt during the unit. Throughout the unit, they will be trying to improve their own performance, as well as help others to achieve their personal best.	<ul> <li>Use a range of recognised strokes.</li> <li>Swim confidently and fluently on the surface and underwater.</li> </ul>
Computin	Introduction to Python	Big Data 1	Big Data 2	Online Safety	History of	Skills Showcase
g Kapow	• Iterate ideas, testing	Understand why	Recognise that data	• Discuss a range of	computers	• Evaluate code,
	and changing throughout the lesson	barcodes and QR codes were created.	can become corrupted within a	issues online that can leave pupils	<ul> <li>Explain how to record sounds</li> </ul>	understanding what it does
	and explain what their program does.	• Create (and scan) their own QR code using a QR	network and that data sent in packets	feeling sad, frightened, worried	and add in sound effects	and adapt existing to code
	Use nested loops in	code generator website.	is more robust, as	or uncomfortable	over the top.	for a specific
	their designs, explaining why they	• Explain how infrared can be used to transmit a	well as identify the need to update	and can describe numerous ways to	<ul> <li>Produce a simple radio</li> </ul>	<ul><li>purpose.</li><li>Debug</li></ul>
	need two repeats.	Boolean type signal.	devices and	get help.	play with some	programs and
			software.		special effects	make them



•	Alter the house	•	Evolain how PEID works		Docognico		Evolain how		and simple		more efficient
•	drawing using Python	•	Explain how RFID works, recall a use of RFID	•	Recognise differences between	•	Explain how sharing online can		edits which		using sequence,
	commands; use		chips, and type formulas		mobile data and		have both positive		demonstrate		selection,
	comments to show a		into spreadsheets.		WiFi and use a		and negative		an		repetition or
	level of understanding	•	Take real-time data and		spreadsheet to		impacts.		understanding		variables.
	around what their code	•	enter it effectively into a		compare and	•	Be aware of how to		of how to use	•	Design
	does.		spreadsheet.		identify high-use	•	seek consent from		the software.	•	appropriate
•	Use loops in Python	•	Presenting the data		data activities and		others before	•	Create a		housing for
•	and explain what the	•	collected as an answer		low-use data		sharing material	•	document that		their product
	parts of a loop do.		to a question.		activities.		online and can		includes		using CAD
•	Recognise that	•	Recognising the value of	•	Make links between		describe how		correct date		software,
•	computers can choose	•	analysing real-time data.	-	the Internet of		content can still be		information		including any
	random numbers;	•	Analyse and evaluate		Things and Big Data		shared online even		and facts		input or output
	decompose the		transport data and		and give a basic		if it is set to		about the		devices needed
	program into an		consider how this		example of how		private.		computers and		to make it
	algorithm and modify a		provides a useful service		data	•	Explain what a		how they		work.
	program to personalise		to commuters.		analysis/analytics		'digital reputation'		made a	•	Create an
	it.				can lead to		is and what it can		difference.		appealing
					improvement in		consist of.	•	Demonstrate a		website for
					town planning.	•	Understand the		clear		their product,
				•	Explain ways that		importance of		understanding		aimed at their
					Big Data or IoT		capturing evidence		of their device		target audience
					principles could be		of online bullying		and how it		which explains
					used to solve a		and can		affected		what their
					problem or improve		demonstrate some		modern		product is and
					efficiency within the		of these methods		computers,		what it does,
					school and prepare		on the devices		including well-		using
					a presentation		used at school.		researched		persuasive
					about their idea,	•	Describe ways to		information		language.
					considering the		manage passwords		with an	•	Create an
							and strategies to		understanding		edited video of



				<ul> <li>privacy of some data.</li> <li>Present their ideas about how Big Data/IoT can improve the school and provide feedback to others on their presentations.</li> </ul>	<ul> <li>add extra security such as two-factor authentication.</li> <li>Explain what to do if passwords are shared, lost, or stolen.</li> <li>Describe strategies to identify scams.</li> <li>Explain ways to increase their privacy settings and understand why it is important to keep their software updated.</li> </ul>	of the reliability of their sources. Describe all of the features that we'd expect a computer to have including RAM, ROM, hard drive and processor, but of a higher specification than currently available.	<ul> <li>their project, articulating the key benefits.</li> <li>Describe and show how to search for information online and be aware of the accuracy of the results presented.</li> </ul>
PSHE/	Zones of	Being me	Celebrating differences	Dreams and goals	Healthy Me	Relationships	The year ahead
	Regulation tools	My Year	Am I Normal?	Personal Learning Goals	Taking responsibility	What is Mental	My Self Image
	tools	Ahead	AITTNOTTIAI	Personal Learning Goals	for my health and well-	Health?	Wy Self Illiage
	problems	, includ	Understanding Difference	Steps to Success	being		Puberty
		Being a	0			My Mental Health	,
	create your	Global	Power Struggles	My Dream For the	Drugs		Babies: Conception
	own avatar	Citizen 1		World		Love and Loss	to Birth
			Why Bully		Exploitation		
	change of	Being a		Helping to Make a		Power and Control	Boyfriends and
	behaviour	Global	Celebrating Difference	Difference	Gangs	Doing Online: De-	Girlfriends
	Mytools	Citizen 2	Colobrating Difference	Holping to Make a	Emotional and Mental	Being Online: Real or Fake? Safe or	Adolescent
	My tools		Celebrating Difference	Helping to Make a Difference	Health	Unsafe?	Friendships
				Difference	iicaitii		Thenuships



		The Learning Charter Our Learning Charter Owning our Learning Charter			Recognising Ou Achievements	r	Managing S Pressure	Stress and	Using T Respon	echnology sibly	Real self self The Year	and ideal Ahead
Citizenshi p Votes for school (Adaptive curriculu m based on world events )	Topic Theme: Environment & climate change	Topic Theme: Crime, justice & extremis m	Topic Event: Black History Month	Topic Event: Anti-Bullying Week	Topic Event: LGBT History Month	Topic Event: Safer Internet Day	Topic Theme: Jobs, economy & education	Topic Theme: Science & technology	Topic Event: Earth Day	Topic Theme: Crime, justice & extremism	Topic Theme : Global issues & politics	Topic Theme: Equalities & identity
RE Plan Bee	<ul> <li>What is a Church (Christianity)</li> <li>Children will consider whether a 'church' is a building, its people, or both. They will go on to</li> </ul>		<ul> <li>Children the idea emotiona They will</li> </ul>	aith through art will consider that faith is an al experience. think about vhich emotions	<ul> <li>What is the Quran?</li> <li>Children will understand what the Qur'an is and where it originated. They will consider</li> </ul>		<ul> <li>Buddhist workshops</li> <li>Children will learn about the Three Universal Truths and the Five Moral Precepts, both of</li> </ul>		<ul> <li>What happens when we die?</li> <li>Children will think about losses, and how big or</li> </ul>		<ul> <li>Jewish workshop</li> <li>Children will identify prayer as being central to Jewish</li> </ul>	



makeshift or adapted	facial expressions, tone		'sacred' means and		teachings of		be. They will go		Children are
places of worship, then	of voice and body		identify that the		Buddhism. Children		on to consider		encouraged to
read and discuss what is	language, as well as		Qur'an is sacred to		will be encouraged		the importance		think about
written about the	identifying why people		Muslims. They will		to discuss their own		of		what and how
formation of the	like to express their		go on to reflect on		opinions of them. In		understanding		Jews might
Christian church in the	emotions in a variety of		what is important		their independent		how they and		pray, including
Bible.	different ways.		or sacred to them		work children will		others might		the use of
<ul> <li>Through reading</li> </ul>	Children will find out		in their own lives.		explore these		feel when		tefillin, prayer
excerpts from the Bible,	why members of the	•	Children will		concepts in more		experiencing a		shawls and
children will consider	clergy wear different		summarise the		detail, and define		bereavement,		kippahs. They
how Christians serve	coloured vestments at		importance of the		them in their own		and how		will have the
members of their own	different times during		Qur'an for Muslims		words.		people cope		chance to look
community. They will go	the Christian calendar.		through class		Alternatively, in		with this type		at some
on to consider ways in	They will also think		discussions and		groups children will		of loss.		specific Jewish
which churches also	about other symbols		through		generate their own	•	Children will		prayers for
serve other	associated with		independent work		list of morals to live		consider the		themselves and
communities such as	Christian festivals and		in a variety of		by.		importance of		see if they can
the neighbourhoods in	consider how symbols		formats. They will	•	Children will learn		expressing		interpret their
which they are based.	and colours can often		consider everything		that Buddhists		sadness when		meaning
	be linked.		they have found		believe in a		experiencing	•	Children will
			out about the		continuous cycle of		loss, and learn		find out what
			Qur'an and how		life, death and		about ways in		happens when
			Muslims use it to		rebirth, which can		which people		Jews go to the
			deepen their faith		only be broken by		cope and seek		synagogue to
			and help them live		achieving		help with their		worship,
			their lives.		enlightenment.		feelings of		looking at key
					They will find out		sadness.		people
					what karma is, and		Following this,		involved in
					how it can affect		children may		worship and
					rebirth.		explore ways in		finding out
							which feelings		how the Torah



Cooling		Deline different	Creating dishes	Dalas		can be expressed through art	and other objects are used, before questioning the significance of the Star of David for Jewish worshippers.
Cooking	Creating chicken dishes and learning the importance of cross- contamination.	Baking different types of biscuits using different methods and techniques.	Creating dishes, such as soups to use different cutting, chopping techniques and learning the importance of knife safety.		o different types of cakes mb dishes with an Easter	Making dishes from food around the world for students to learn the diversity of food from other cultures.	Students plan and create their own dish- Ingredients, method, practical, cost, equipment.
Forest School	To identify different animals that live in forest school. Rules and understanding Forest School(Woodland Walk) • Teamwork/creativity and Boundaries (Den building) • Senses • Safe tool use	To use my senses to discover things in forest school Respecting the environment • Using tools safely • Manipulating wood • Consistency / ration	<ul> <li>Native plants and terrain change</li> <li>Senses</li> <li>Patience / fine motor skills</li> <li>Safe tool use / whittling / predicting</li> </ul>	Parts o • Find	s and their habitat • of a natural items on the list to build stably	<ul> <li>Follow a map</li> <li>Giving detailed instructions</li> <li>Follow verbal direction</li> <li>Common plants at forest school</li> <li>Creativity</li> </ul>	<ul> <li>Number patterns in nature</li> <li>Knot tying and shelter</li> <li>Creativity</li> <li>Improve memory</li> </ul>



•	• Fire safety /		
C	cooking with		
l v	whittled sticks		