

Achievement for All, Learning Together, Learning for Life









LKS2 Curriculum

(Year 3 and 4)

<u>Cycle 1</u>

KS2 Curriculum (Year 3 and 4) <u>Cycle 1</u>					
		INT	<mark>ENT</mark>		
Term 1 Inventors and Inventions What would our lives be like without engineers?	Term 2 Local landscape How has our local area been impacted by change?	See Reading Curriculum Road Term 3 Dreams and Goals What makes a dream?	t Map for supplementary texts Term 4 South America What kind of world do we want to create?	Term 5 Ancient Greece Fact, Legend or Myth?	Term 6 Ancient Greece How and Why do people try to make the world a better place?
Core Texts: Rosie Revere by Andrea Beatty The Lost Thing by Shaun Tan Science: Forces and Magnets	Core Texts: Just So Stories By Kipling John Agard and Grace Nicholls poetry Science: Living things and their	Core Texts: Revolting Rhymes of Roald Dahl Computing: 3.4 Touch typing	Core Texts: The Great Kapok Tree by Lynne Cherry The Vanishing Forest by Richard Platt Computing: 3.6 Branching	Core Texts: Icarus and Daedulus and Theseus and the Minotaur By Geraldine McCaughrean Percy Jackson and The Lightning Thief By Rick O'Riordan	Core Texts: Non-fiction text about The Olympics and Paralympics <i>Little People Big Dreams</i> biographies
Computing: 3.2 online safety 3.3 spreadsheets History: Which inventions	Computing: 3.5 Email	Science: States of matter 1 Geography: How would you describe the geography of the UK?	Science: Animals including humans	Computing: 4.10 artificial intelligence 3.8 graphing	Science: Sound Computing: Coding L1 3.1 L2 3.1
changed the way we live? DT: Technical design	History: How has our local area been impacted by change? Geography: How did the losing	DT: Textiles RE: Islam: How do festivals and worship show what matters to a	Geography: How do people live in South America ?	Science: States of Matter 2 History: Ancient Greece: fact, legend or myth?	L2 4.1 L3 4.1 L4 4.1 L1 4.1
RE: Understanding Christianity – Creation and the Fall: What do Christians learn from the creation story?	the railway affect our area? Art: Drawing and printing, exploring patterns	Muslim. Music: Musical world of Roald Dahl	History: Who were the Mayans and why should we study them? Art: Amazonian painting	Art: Greek Art RE: Judaism: How do festivals	Geography: How has the geography of Greece shaped its people?
Music: Samba band/ make own instruments PSHE: Being me in the world	RE Understanding Christianity – People of GOD What is it like for someone to follow God?	PSHE: Dreams and Goals PE: Dance (Unit 2)	RE: Understanding Christianity – Gospel What kind of world did Jesus want?	and family life show what matters to Jewish people. Music: Composing graphic scores	DT: Clay Pots RE: How and Why do people try to make the world a better place?
PE: Rugby	Music: Jungle book/ Christmas songs	French: Where I live	Music: Sending musical messages PSHE: Healthy Me	PSHE: Relationships PE: Athletics	PSHE: Changing Me Music : Production songs
French: All about me	PSHE: Celebrating Difference PE: Gymnastics (Unit 2) French: Christmas		PE: Vollyball French: All about me	French: Stories and songs	PE: OAA French: Weather and Life in France

Term 1 Energising Engineers and Incredible Inventions	Term 2 Where in the World are we?	Term 3 Roald Dahl	Term 4 Amazon Adventures	Term 5 Ancient Greece	Term 6 Ancient Greece
			y genres		
Key Texts:, Frank Einstein and the Antimatter Motor, The Lost Thing, <u>Non-fiction</u> , Rosie Revere: Engineer Frank Einstein Rosie Revere Engineer Newton Biographies about a famous engineer Charlie and the Chocolate Factory – write report based on one of the rooms that they make the sweets in Instructions – how to operate an incredible invention	Key Texts: <u>Kipling, Just So</u> <u>Stories</u> , Own version of just so stories (Tinga tinga tales BBC I player) Stories from other cultures Poetry by local poets – Grace Nicholls and Johnathan Aygard		eeds and interests of children) Key Texts: The Great Kapok Tree, Non-chronological reports about the Amazon rainforest Short narratives based on The Explorer	Key Texts: Percy Jackson and the Lightening Thief (? – maybe too tricky have as guided reader) Icarus and Daedalus Write own myth Turn a myth into a play script	Greek Mythology, Theseus and the Minotaur Non Chronological report on modern Greece – the Olympics New sports added in – can they write a persuasive letter to accept a new sport into the Olympics/ Paralympics Little People Big Dreams series (Ellie Simmonds) for an athlete
		Maths	themes		
		(adaptable accordin	ng to needs of children) m. <u>https://whiterosemaths.com</u>		
	Addition and Subtraction	Multiplication and Division B	Fractions	Fractions	Statistics
Place Value Addition and Subtraction	Measurement Y4 Area Multiplication and Division A	Measurement Length, perimeter and area Fractions	Measurement Mass and Capacity Decimals	Decimais Including Money Measurement Time	Geometry Properties of shape, position and direction
		Y4 Decimals	Consolidation		Consolidation

		<u>Science skill</u>	<u>S:</u> Implementation		
Term 1 Forces and Magnets	Term 2 Living things and their habitats	Term 3 States of matter 1	Term 4 Animals including humans	Term 5 States of matter 2	Term 6 Sound
Compare how things move on different surfaces Notice that some forces need contact between two objects, but magnetic forces can act at a distance Observe how magnets attract or repel each other and attract some materials and not others Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet and identify some magnetic materials Describe magnets as having two poles Predict whether two magnets will attract or repel each other, depending on which poles are facing	Recognise that living things can be grouped in a variety of ways Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment Recognise that environments can change and that this can sometimes pose dangers to living things.	Compare and group materials together, according to whether they are solids, liquids or gases Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature. Compare and group materials together, according to whether they are solids, liquids or gases Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius	Identify that animals including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat Identify that humans and some other animals have skeletons and muscles for support, protection and movement Find out about how different parts of the body have special functions	Describe in simple terms how fossils are formed when things that have lived are trapped within rock Recognise that soils are made from rocks and organic matter.	Identify how sounds are made, associating them with something vibrating Recognise that vibrations from sounds travel through a medium to the ear Find patterns between the pitch of a sound and features of the object that produced it. Find patterns between the volum of a sounds and the strength of the vibrations that produced it Recognise that sounds get fainter as the distance from the sound source increases.
	W	orking Scientifical	lly skills: Implementation	m	
Working scientifically:	Working scientifically:	Working scientifically :	Working scientifically :	Working scientifically:	Working scientifically:
Fair test	Group and classify	Predicting	Asking questions	Observing	Scientific questioning
Recording results	Presenting results	Method and equipment	Method and equipment	Classifying and sorting	Taking measurements

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Observing

Identifying import

	Working Sciency is a skins. Indienentation						
ifically :	Working scientifically:	Working scientifically:	Working scientifically:	Working scientifically:	Working scientifically:		
	Group and classify	Predicting	Asking questions	Observing	Scientific questioning		
ts	Presenting results	Method and equipment	Method and equipment	Classifying and sorting	Taking measurements		
clusions	Asking questions	Taking Measurements	Grouping and classifying	Measuring Conclusions	Presenting results		
	Explaining Conclusions	Identifying information	So what?	Present results	Predicting		
ortant information		So what?			Fair test		
		Safety			Suggesting improvements		

		Scientific Knowle	<u>edge Gained: Impact</u>		
To know that magnets have north and south poles and that opposites attract.	To know and identify the seven life processes.	To know the stages of the water cycle.	To know what animals and humans need to survive (MRS GREN).	To know how soils are formed. To know how fossils are formed	To know that sounds are created by vibrations.
attract. To notice that there are always two objects involved in a force – one that exerts the force, which acts on something else. To know that some forces need contact between 2 objects, but magnetic forces can act at a distance. To know that friction is a force when 2 surfaces rub together. To carry out simple tests to see how the strength of the force varies. To try out ways of slowing things down e.g. braking on a bicycle, the effect of friction between surfaces.	To know how to use/create a classification and key to identify living things. To name and sort into the 5 main animal groups. To identify/classify living things in their local environment. To know the effect that human activity has on the environment.	To know and understand the vocabulary linked to the stages of the water cycle. To know what solids, liquids and gases are and the differences between them. To know what solids, liquids and gases are and the differences between them. To know that water freezes at 0 degrees and boils at 100 degrees. To know the particles structure in Solid, Liquid and Gas.	 To know how animals can be grouped depending on their characteristics. To know the names of some bones in a human body and describe how they protect parts of the body. To compare the skeletons of different animals and know why these are different. To know how muscles help movement in the body. To know different food groups and how they affect our bodies. 	To know how fossils are formed over time. To identify different soils. To recognise soils are made of rocks and organic matter.	 To know the structure of the ear. To know that vibrations from sounds travel through a medium to the ear To know that bigger vibrations lead to louder sounds. To know and understand high and low pitch. To find patterns between the pitch/volume of a sound and features of the object that produced it/strength of vibration To know that sounds gets fainter when the distance from the sound source changes.

	<u>Computing skills:</u> Implementation						
Term 1 Unit 3.2 Online safety Unit 3.3 Spreadsheets	Term 2 Unit 3.5 Email	Term 3 Unit 3.4 Touch typing	Term 4 Unit 3.6 Branching Databases	Term 5 Unit 4.10 Artificial intelligence Unit 3.8 Graphing	Term 6 Coding L1 3.1 L2 3.1 L1 4.1 L2 4.1 L3 4.1 L4 4.1		
Online Safety To know what makes a safe password, how to keep passwords safe and the consequences of giving your passwords away.To understand how the Internet can be used to help us to communicate effectively.To understand how a blog can be used to help us communicate of what can be read on websites is always true.To consider if what can be read on websites is always true.To look at a 'spoof' website.To treate a 'spoof' webpage.To think about why these sites might exist and how to check that the information is accurateTo learn about the meaning of age restrictions symbols on digital media and devices. • To cliscuss why PEGI restrictions exist.To know where to turn for help if hey see inappropriate content from others.Spreadsheets To add and edit data in a table layout.To find out how spreadsheet programs can automatically create graphs from data.	To think about the different methods of communication To open and respond to an email. To write an email to someone from an address book To learn how to use email safely. To learn how to use email safely. To add an attachment to an email To explore a simulated email scenario.	To introduce typing terminology. To understand the correct way to sit at the keyboard. To learn how to use the home, top and bottom row keys To practice and improve typing for home, bottom, and top rows. To practice the keys typed with the left hand. To practice the keys typed with the right hand.	To sort objects using just YES/NO questions. To complete a branching database using 2Question. To create a branching database of the children's choice.	 To understand the basic concept of artificial intelligence. To identify real-life examples of artificial intelligence. To recognise the impact of artificial intelligence in daily life. To recap what is meant by the terminology artificial intelligence. To explore how artificial intelligence can assist and benefit us in various aspects of daily life. To understand the potential applications and impact of AI in the future. To understand how artificial intelligence to create music and art. To use artificial intelligence to create music and art. Graphing Introducing 2Graph Using 2Graph in an investiagtion. 	 To review previous coding knowledge. To understand what a flowchart is and how flowcharts are used in computer programming. To understand that there are different types of timers. To be able to select the right type of timer for a purpose. To begin to understand selection in computer programming. To understand how an IF statement works. To understand the Repeat until command. To begin to understand selection in computer programming. To understand how an IF statement works. To understand the Repeat until command. To begin to understand selection in computer programming. To understand how an IF statement works. To computer programming. To understand the Repeat until command. To begin to understand selection in computer programming. To understand how an IF/ELSE statement works. To review coding vocabulary and knowledge. To create a simple computer program. 		

To introduce the 'more than',					
'less than' and 'equals' tools.					
To introduce the 'spin' tool and					
show how it can be used to count through times tables.					
To introduce the Advanced mode					
of 2Calculate.					
To learn about describing cells					
using their addresses					
			<u>edge Gained:</u> <mark>Impact</mark>		
Online Safety	Email	Touch Typing	Branching Databases	Artificial intelligence	Coding
Children understand what makes a good password for use	Children can list a range of different ways to	Children understand the names of the fingers.	Children understand how YES/NO questions are structured and	Children can define artificial intelligence in their own words.	Children can read and explain a flowchart
on the Internet.	communicate.	Jungers.	answered.	a de la gence a raien over voras.	Jundand
		Children understand what is meant by		Children can identify at least three	Children can use a flowchart to
Children are beginning to realise	Children can use 2Connect to	the home, bottom, and top rows.	Children have used YES/NO	examples of artificial intelligence.	create a computer program.
the outcomes of not keeping passwords safe.	highlight the strengths and weaknesses of each method.	Children have developed the ability to	questioning to play a simple game with a friend.	Children can define artificial	Children can create a computer
		touch type the home, bottom, and top		intelligence.	program that uses click events
Children can contribute to a	Children can open an email	rows	Children can explain why they		and timers.
concept map of all the different ways they know that the	and respond to it.	Children can use two hands to type the	choose a particular question to split their database.	Children can understand where AI can help us in our daily lives.	Children can create a program
Internet can help us to	Children have sent emails to	letters on the keyboard.	Children have contributed to a class	Curr neip us in our utilig lives.	that uses a timer-after command
communicate.	other children in the class.	Children can touch type using the left	branching database about fruit.	Children can use critical thinking	Children can create a program
Children have contributed to a	Children have written rules	hand.	Children have completed a	and creativity in envisioning the	that uses a timer-every command
class blog with clear and appropriate messages	about how to stay safe using email.	Children can touch type using the right hand	branching database about vegetables.	future of AI.	Children understand there can be
appropriate massages.			Vegenation.	Children can express their ideas	different ways to solve a problem.
Children understand that some	Children have contributed to		Children can choose a suitable topic	about the future of AI.	
information held on websites may not be accurate or true.	classmates' rules.		for a branching database.	Children can collaborate effectively.	Children can create a program that includes an IF statement.
Thuy not be accurate of true.	Children have created a guiz		Children can select and save	Children can condonate effectively.	utui utuittes ut ir suitement.
Children are beginning to	about email safety which		appropriate images.	Children can try to distinguish	Children can interpret a flowchart
understand how to search the	explores scenarios that they			between creative compositions made	that depicts an IF statement.
Internet and how to think critically about the results that	could come across in the future.		Children can create a branching database.	by humans and those made using artificial intelligence.	Children can make use of the X
are returned.	- J <i>uuri</i> C.				and Y attributes (properties) of
Children have accessed and	Children can attach work to an		Children know how to use and	Children can use artificial	objects in their coding.
assessed a 'spoof' website.	email.		debug their own and others branching databases.	intelligence to create images and music.	Children can amata a program
Children have created their own	Children know what CC means		bi arching adabases.	Thusic.	Children can create a program that includes an IF statement.
'spoof' webpage mock-up.	and how to use it.• Children				
Children have about the in	can read and respond to a			Graphing	Children can read code that
Children have shared their 'spoof' web page on a class	series of email communications.			Children can set up a graph with a	includes repeat until and IF/ ELSE and explain how it works.
display board.				given number of fields.	
	Children can attach files				Children can create a program
Children can identify some physical and emotional effects of	appropriately and use email communication to explore			Children can enter data for a graph.	that includes an IF/ ELSE statement.
physical and emotional effects of playing/watching inappropriate	ideas.			Children can produce and share	suuemeni.
content/games.				graphs made on the computer.	Children can interpret a flowchart
2					that depicts an IF/ ELSE
Children relate cyberbullying to bullying in the real-world and				Children have solved a maths question using graphing.	statement.
bunging in the real-work with				question using graphing.	

have strategies for dealing with online bullying including screenshot and reporting. Spreadsheets Children can create a table of data on a spreadsheet.		Children can present the results in a range of graphical formats. Children can use the sorting option to make analysis of their data easier.	Children can explore different object types in 2Code. • Children can use a background and objects to create a scene. Children can plan an algorithm for their scene and use 2Code to program it
Children can use a spreadsheet program to automatically create charts and graphs from data.			
Children can use the 'more than', 'less than' and 'equals' tools to compare different numbers and help to work out solutions to calculations.			
Children can use the 'spin' tool to count through times tables.			
Children can describe a cell location in a spreadsheet using the notation of a letter for the column followed by a number for the row.			
Children can find specified locations in a spreadsheet.			

	<u>History skills:</u>	Implementation	
Term 1 Which inventions changed the way we live?	Term 2 How has our local area been impacted by change?	Term 4 Who were the Mayans and why should we study them?	Term 5 and 6 Ancient Greece: fact, legend or myth?
Use an increasing range of common words and phrases relating to the passing of time	Use an increasing range of common words and phrases relating to the passing of time	Use an increasing range of common words and phrases relating to the passing of time	Use an increasing range of common words and phrases relating to the passing of time
Use sources of information in ways that go beyond simple observations to answer questions about the past	Describe memories of key events in his/her life using historical vocabulary	Use sources of information in ways that go beyond simple observations to answer questions about the past	Use sources of information in ways that go beyond simple observations to answer questions about the past
' Use a variety of resources to find out about aspects of life in the past	Use sources of information in ways that go beyond simple observations to answer questions about the past	Use a variety of resources to find out about aspects of life in the past	Use a variety of resources to find out about aspects of life in the past
Communicate his/her learning in an organised and structured way, using appropriate terminology	Use a variety of resources to find out about aspects of life in the past	Place some historical periods in a chronological framework	Communicate his/her learning in an organised and structured way, using appropriate terminology
	Communicate his/her learning in an organised and structured way, using appropriate terminology	Describe a non-European society that provides	Place some historical periods in a chronological framework
	Place some historical periods in a chronological framework	contrasts with British history - one study chosen from: early Islamic civilization, including a study of Baghdad c. AD 900; Mayan	Use historic terms related to the period of study Understand that sources can contradict each other
		civilization c. AD 900; Benin (West Africa) c. AD 900-1300	Describe a study of Ancient Greek life and achievements and their influence on the western world
	Historical Knowledge	ge Gained: Impact	
To know who Alexander Graham Bell and what he invented.	To know how the local area has changed over the last 100 years (Ashdown Forest).	To know that lots of sources give us information about the past.	To know that sources can contradict each other.
To know who Thomas Eidson is and what he	To know key invents in my own life.	To know the names of some historical periods in history and how they fit in a timeline.	To know how the Greeks impacted modern life.
invented. To know the names of other inventors/engineers	To know some key dates for the local area (e.g. church, school, shop openings)	To know who the Mayans are and what impact	To know some key figures who impacted the Ancient Greeks
who's ideas have had an impact on society.	To know significant events in the history of my village.	they had on my life.	To know where the Ancient Greeks fit into a timeline (including relating to Jesus' birth)
To know how my life has changed as a result of others.	To know how different events in local history fit onto a timeline.	To how the Mayans lived and the differences and similarities to my life now.	To know the impact the Greeks had on the Olympics.
To know what day, week, fortnight, month, decade, century and millennium mean.	To know how events in local history have impacted modern life.		To know the difference between Greek and Mayan life.
			To know the names of some Greek gods and their myths.
			To know the difference and similarities between modern and Greek architecture.

	<u>Geographical skill</u>	S: Implementation	
Term 2 How did the losing the railway affect our area?	Term 3 How would you describe the Geography of the UK?	Term 4 How do people live in South America?	Term 6 How has the geography of Greece shaped its people?
 Use ordnance survey maps to locate key geographical features Make more detailed fieldwork sketches/diagrams Use fieldwork instruments e.g. camera, rain gauge Identify physical and human features of the locality Recognise that different people hold different views about an issue and begin to understand some of the reasons why Demonstrate knowledge of features about places around them Know how the locality is set within a wider geographical context Plan the steps and strategies for an enquiry Draw accurate maps with more complex keys 	 Identify where counties are within the UK Identify key topographical features using maps and atlases Name and locate the cities of the UK Use four figure grid references to locate key features Use the 8 points of a compass to describe features of the UK Make plans and maps to demonstrate features using symbols and keys Describe physical and human features of UK regions, cities and /or counties Know about the wider context of places - region, country Explore features on OS maps using 6 figure grid references Draw accurate maps with more complex keys 	 Analyse evidence and draw conclusions e.g. make comparisons between locations using aerial photos/pictures e.g. population, temperatures etc. Recognise there are similarities and differences between places Understand the effect of landscape features on the development of a locality Understand climate zones, biomes and vegetation belts Describe how people have been affected by changes in the environment Know about the wider context of places - region, country identify position and significance of Equator, Northern and Southern Hemisphere, Tropic of Cancer and Capricom 	 Make plans and maps using symbols and keys. Identify physical and human features of the locality Understand geographical similarities and differences through the study of human and physical geography Explain about weather conditions / patterns around Southern Europe Know about the wider context of places - region, country Draw accurate maps with more complex keys Explain about key natural resources e.g. water in the locality
	<u>Geographical Knowled</u>	<u>lge Gained: <mark>Impact</mark></u>	
 To know how to use ordinance survey maps of local area To know that different skills and instruments are needed for fieldwork To know how to ask geographical enquiry questions To know human and physical features of my local area and how they have changed To know how geographical change can have lasting impact on the local population 	 To know how to use the 8 compass points to describe features the UK To know which county I live in and know the names and locations of others. To know how to use geographical language to describe the UK To know key topographical features of the UK 	 To know where South America is located To know human and physical features of South America To know the pull and push factors of urban settlements To know there are similarities and differences between Brazil and the UK To know the impact of deforestation To know location of the rainforest biome is due to climate conditions at the equator 	 Tσ know similarities and differences between ancient and modern Greece. Tσ know the impact that the geography of Greece has on its people Tσ know and name some Greek Islands. Tσ know some landmarks in ancient and modern Greece.

	Art skills: Implementation	
Term 2	Term 4	Term 5
Drawing and printing, exploring patterns	Amazonian painting	Greek Art
 Use a sketchbook for recording observations, for experimenting with techniques or planning out ideas. Experiment with different materials to create a range of effects and use these techniques in the completed piece of work He/she is able to create a collage using overlapping and layering Explain what he/she likes or dislikes about their work Use a sketchbook for collecting ideas and developing a plan for a completed piece of artwork. Draw familiar objects with correct proportions Create different effects by using a variety of tools and techniques such as bleeds, washes, scratches and splashes Experiment with creating mood, feeling, movement and areas of interest by selecting appropriate materials and learnt techniques Use a variety of techniques e.g. marbling, silkscreen and cold water paste 	 Use a sketchbook for recording observations, for experimenting with techniques or planning out ideas. Understand and identify key aspects such as complementary colours, colour as tone, warm and cold colours. Create printing blocks using relief or impressed techniques. Use a sketchbook for collecting ideas and developing a plan for a completed piece of artwork. Experiment with creating mood, feeling, movement and areas of interest by selecting appropriate materials and learnt techniques. Use a variety of techniques e.g. marbling, silkscreen and cold water paste 	 Use a sketchbook for recording observations, for experimenting with techniques or planning out ideas. Understand and identify key aspects such as complementary colours, colour as tone, warm and cold colours. Experiment with creating mood, feeling, movement and areas of interest by selecting appropriate materials and learnt techniques. Use a variety of techniques e.g. marbling, silkscreen and cold water paste
	Artistic Knowledge Gained: Impact	
 To know the names and works of some artists- knowing that different artists use different techniques e.g. Matisse to Know how to create a collage using overlapping and layering To know that art and colours can represent and evoke different emotions and use quick-print foam printing techniques. To know that mixing colours can create different colours and shades To know the meaning of proportion, accuracy and tonal shading. 	 To know the names and works of some artists- knowing that different artists use different techniques e.g. Henri Rousseau & Dan Fenelon To know the size of my brush will affect the stroke. To know how art and symbols were used by the Mayans to tell stories and share their culture. To know how to use tile block printing to develop Mayan artwork. 	 To know how to use a variety of techniques e.g. marbling, silkscreen and cold water paste. To know the meaning of the words proportion, accuracy and tonal shading. To know why art was important to the Ancient Greeks and how it compares to now. To know a Greek myth, shown through artwork.

	<u>Design and Technology skills:</u> Impleme	nation
Term 1	Term 3	Term 6
Technical design	Textiles	Clay Pots
Use a sketchbook for recording observations, for experimenting with techniques or planning out ideas	Add detail to work using different types of stitch, including cross-stitch	Use a sketchbook for recording observations, for experimenting with techniques or planning out ideas
Compare and recreate form of natural and manmade objects	Experiment with different materials to create a range of effects and use these techniques in the completed piece of work	Create designs using annotated sketches and diagrams.
Jse a sketchbook for collecting ideas and developing a plan for a completed piece of artwork	Explain what he/she likes or dislikes about their work	Make suitable choices from a wide range of tools and unfamiliar materials
Describe some of the key ideas, techniques and working practices of artists, architects and designers who he/she has studied	Print on fabrics using tie-dyes or batik	Use knowledge of existing products to design his/her own functional product.
	Articulate how he/she might improve their work using technical terms and reasons as a matter of routine	Use a sketchbook for collecting ideas and developing a plan for a completed piece of artwork
	Use taught technical skills to adapt and improve his/her work	Use knowledge of existing products to design a functional and appealing product for a particular purpose and audience.
		Apply techniques he/she has learnt to strengthen structures and explore his/her own ideas.
	Design and Technological Knowledge Gaine	<u>d:</u> Impact
Fo know how to create an invention to solve a problem and that designing something first, with a prototype initially developed,	To know some different ways to join and work with fabric.	To know clay can be used for a variety of purposes.
reates a better final result.	To know how to thread a needle and secure it so the thread will not come loose.	To know the Ancient Greeks decorated their pots with stories and pictures & to know how the Ancient Greeks used their pots.
o know the names and work of designers- Dyson	To know how to do a basic running stitch	To know how art relates to Greek story telling.
	To know the successes and ways forward in my own work.	To know how to design and create a Greek clay pot, using research to develop knowledge of existing product.

		<u>R.E. skil</u>	<u>ls:</u> Implementation		
Term 1 Understanding Christianity – Creation and the Fall: What do Christians learn from the Creation story?	Term 2 Understanding Christianity – People of God. What is it like for someone to follow God?	Term 3 Islam – How do festivals and worship show what matters to a Muslim?	Term 4 Understanding Christianity – Gospel. What kind of world did Jesus want?	Term 5 Judaism - How do festivals and family life show what matters to Jewish people?	Term 6 How and why do people try to make the world a better place?
Make sense of belief: Place the concepts of God and Creation on a timeline of the Bible's 'big story' Make clear links between Genesis 1 and what Christians believe about God and Creation Recognise that the story of 'the Fall' in Genesis 3 gives an explanation of why things go wrong in the world Understand the impact: Describe what Christians do because they believe God is Creator (e.g. follow God, wonder at how amazing God's creation is; care for the Earth - some specific ways) Describe how and why Christians might pray to God, say sorry and ask for forgiveness Make connections: Ask questions and suggest answers: about what might be important in the Creation story for Christians and for non-Christians living today.	 Make sense of belief: Make clear links between the story of Noah and the idea of covenant Understand the impact: Make simple links between promises in the story of Noah and promises that Christians make at a wedding ceremony Make connections: Make links between the story of Noah and how we live in school and the wider world. 	 Make sense of helief: Identify some beliefs about God in Islam, expressed in Surah 1 Make clear links between beliefs about God and <i>ibadah</i> (e.g. how God is worth worshiping; how Muslims submit to God) Understand the impact: Give examples of <i>ibadah</i> (worship) in Islam (e.g. prayer, fasting, celebrating) and describe what they involve. Make links between Muslim beliefs about God and a range of ways in which Muslims worship (e.g. in prayer and fasting, as a family and as a community, at home and in the mosque) Make connections: Raise questions and suggest answers about the value of submission and self-control to Muslims, and whether there are benefits for people who are not Muslims Make links between the Muslim idea of living in harmony with the Creator and the need for all people to live in harmony with each other in the world today, giving good reasons for their ideas. 	Make sense of helief: Identify texts that come from a Gospel, which tells the story of the life and teaching of Jesus Make clear links between the calling of the first disciples and how Christians today try to follow Jesus and be 'fishers of people' Suggest ideas and then find out about what Jesus' actions towards outcasts mean for a Christian Understand the impact: Give examples of how Christians try to show love for all, including how Christian leaders try to follow Jesus' teaching in different ways Make connections: Make links between the importance of love in the Bible stories studied and life in the world today, giving a good reason for their ideas.	Make sense of belief: Identify some Jewish beliefs about God, sin and forgiveness and describe what they mean Make clear links between the story of the Exodus and Jewish beliefs about God and his relationship with the Jewish people Offer informed suggestions about the meaning of the Exodus story for Jews today Understand the impact: Make simple links between Jewish beliefs about God and his people and how Jews live (e.g. through celebrating forgiveness, salvation and freedom at festivals) Describe how Jews show their beliefs through worship in festivals, both at home and in wider communities Make connections: Raise questions and suggest answers about whether it is good for Jews and everyone else to remember the past and look forward to the future Make links with the value of personal reflection, saying sorry, being forgiven, being grateful, seeking freedom and justice in the world today, including pupils' own lives, and giving good reasons for their ideas.	Make sense of helief: Identify some beliefs about why the world is not always a good place (e.g. Christian ideas of sin) Make links between religious beliefs and teachings and why people try to live and make the world a better place Understand the impact: Make simple links between teachings about how to live and ways in which people try to make the world a better place (e.g. <i>tikkun olam</i> and the charity Tzedek) Describe some examples of how people try to live (e.g. individuals and organisations) Identify some differences in how people put their beliefs into action Make connections: Raise questions and suggest answers: about why the world is not always a good place, and what are the best ways of making it better Make links between some commands for living from religious traditions, non-religious worldviews and pupils' own ideas Express their own ideas about the best ways to make the world a better place, making links with religious ideas studied, giving good reasons for their views.

To know that Christians believe that: To know that the Old To know the meaning of the Testament tells the story of a God the creator cares for the To know that Christians believe Jesus. To know that Rosh Hashanah to know some we to know the meaning of the To know the meaning of the words 'Islam' and 'Muslim'. To know the meaning of the to know Christians believe Jesus. the Jewish New Year festival. To know that Rosh Hashanah to know some we world is not such	R.E. Knowledge Gained: Impact							
creation, including human beings creation, including human beings As human beings are part of God's gord creation, they do best when they listen to God. The Bible shows that God wants to be close to him – he keeps his relationship with them, gives them guidance on gord ways to live (such as the Ten Commandments) Building Block from EYFS: Christians, believe that God made soru wonderful, word and everything in it and so we should look after it. Building Block after it. Building Block after it. Building Block from EYFS: Christians, believe that God made soru wonderful, builting clock after it. Building Block after it. Building Block after it. Building Block from EYFS: Christians, believe that God made soru wonderful, builting block after it. Building Block from EYFS: Christians, builting block after it. Building Block from EYFS: Christians, builting clock after it. Builting clock after it.	r a good place. ristians believe God igh the Holy Spirit ieve people do good es are important for ist those who follow ere are ideas and help inspire people Id a better place. he lives of istians (e.g. Martin Luther King							

Musical skills: Implementation							
Term 1	Term 2	Term 3	Term 4	Term 5	Term 6		
Samba band/ make own	Jungle book/ Christmas	Musical world of Roald	Sending musical messages	Composing graphic scores	Production songs		
instruments	sơngs	Dahl			3		
Recognise a range of musical instruments Find the pulse within the context of different songs/music with ease	Listen with direction to a range of high quality music Begin to listen to and recall sounds with increasing aural memory	Listen with direction to a range of high quality music	Understand that composition is when a composer writes down and records a musical idea Develop an understanding of	Listen with direction to a range of high quality music	Listen to and recall sounds with increasing aural memory		
Copy increasingly challenging rhythms using body percussion and un-tuned instruments where	Sing songs with multiple parts with increasing confidence	Listen to and recall sounds with increasing aural memory	formal, written notation which includes crotchets and rests Develop an understanding of	Understand that composition is when a composer writes down and records a musical ideas	Sing as part of an ensemble with confidence and precision		
appropriate Understand that improvisation is when a composer makes up a tune within boundaries	Recognise and explore a range of musical styles and traditions and know their basic style indicators Use musical language to appraise a piece or style of music	Sing songs with multiple parts with increasing confidence	formal, written notation which includes minims and quavers	Recognise a range of musical instruments and the different sounds they make	Sing songs with multiple parts with increasing confidence		
Play and perform in solo or ensemble contexts with increasing confidence		Confidently recognise and explore a range of musical styles and traditions and know their basic style indicators		Confidently recognise and explore a range of musical styles and traditions and know their basic style indicators			
		Use musical language to appraise a piece or style of music		Use musical language to appraise a piece or style of music			
				Understand that texture describes the layers of sound in music			
			<u>lge Gained:</u> Impact				
To know a range of musical instruments and the sounds they make. To know the words 'pulse', 'rhythm' and 'improvisation' in a musical context. To know some musical language (Dynamics, Pitch, Tempo, Duration)	To know a range of musical instruments and the sounds they make. To know a range of musical styles and their basic style indicators. To know how to sing with confidence and expression	To know a range of musical instruments and the sounds they make. To know a range of musical styles and their basic style indicators. To know how to sing with confidence and expression	To know some of the formal written notation of music including crotchets, rests, minims and quavers To know how to set words to a simple melody	To know the words 'composition' and 'composer' in a musical context. To know a range of musical instruments and the sounds they make. To know some musical language (Dynamics, Pitch, Tempo, Duration, Texture)	To know how to sing with confidence and expression To know how to describe the structure of songs accurately To know how to keep a separate part going when performing multiple parts as a group		

	P.S.H.E skills: Implementation							
Term 1 Being Me in My World (3)	Term 2 Celebrating Difference (3)	Term 3 Dreams and Goals (3)	Term 4 Healthy Me (3)	Term 5 Relationships (3)	Term 6 Changing Me (3 & 4)			
 Piece 1 Recognise my worth and identify positive things about myself and my achievements. Set personal goals Piece 2 Face new challenges positively, make responsible choices and ask for help when I need it Piece 3 Understand why rules are needed and how they relate to rights and responsibilities. Piece 4 Understand that my actions affect myself and others and I care about other people's feelings. Piece 5 Begin to understand how to make responsible choices and act on them. Piece 6 Understand how my actions affect others and understanding how to see things from their points of view? Zones of regulation Begin to use and practise calming techniques to calm my body and mind. Use the zones grid to identify how I feel (for KS2) Begin to create and use a 'toolbox' to identify strategies to self- regulate. Use the size of the problem to categorise situations and consider how to manage them, preventing catastrophizing and reducing //managing anxiety	Piece 1 Understand that everybody's family is different and important to them Piece 2 Understand that differences and conflicts sometimes happen among family members. Piece 3 Understand what it means to be a witness to bullying Piece 4 Understand that being witness to a situation can make it better or worse Piece 5 Recognise that words can be used in hurtful ways. Piece 6 Understand that my words can affect someone's feelings and he consequence of it	Piece 1 Understand the challenges faced by people when they achieve success. Piece 2 Identify an ambition that is important to me Piece 3 Understand the process when taking on a new challenge and what the best way for me to achieve it is Piece 4 Understand what motivates me to achieve a challenge Piece 5 Understand the obstacles I may come to when trying to achieve something and how to overcome them Piece 6 Evaluate and reflect on my own learning process	Piece 1 Understand how exercise affects my body and the importance of my heart and lungs. Piece 2 Understand the affect that the amount of calories, fats and sugar has on my body Piece 3 Explain my attitude and understanding of drugs Piece 4 Identify things, people and places that I need to keep safe from Understand strategies for keeping myself safe, who can help and how to call emergency services Piece 5 Understand when I feel safe and unsafe Piece 6 Understand how complex my body is and the importance of taking care of it	Piece 1 Identify the roles and responsibilities of family members and reflect on expectations for males and females Piece 2 Understand and practice the skills of friendship. Piece 3 Understand strategies for keeping myself safe online Piece 4 Understand how the actions and work of people around the word help and influence my life Piece 5 Understand how my needs and rights are shared by children around the world and identify how our lives may be different Piece 6 Begin to express my appreciation to my friends and family	Year 3 Piece 1 understand that animals and humans lots of changes happen between birth and growing up, and that usually it is the female who has the baby Piece 2 Understand how babies grow and develop in the mother's uterus Understand what a baby needs to live and grow Piece 3 Understand that boys' and girls' bodies need to change so that when they grow up their bodies can make babies Identify how boys' and girls' bodies change on the outside during this growing up process Piece 4 Identify how boys' and girls' bodies change on the inside during the growing up process and why these changes are necessary so that bodies can make babies when they grow up Piece 5 Recognise any stereotypical ideas about parenting and family roles Piece 6 Identify what I am looking forward to when I move to my next class Year 4 Piece 1 Understand that some of my personal characteristics have come from my birth parents and that this happens because I am made from joining their egg and sperm Piece 2 Understand the internal and external parts of male and female			

					bodies that are necessary for making a baby Piece 3 Describe how a girl's body changes for her to be able to have babies when she is an adult, and that menstruation (having periods) is a natural part of this Piece 4 Understand how the circle of change works apply it to changes I want to make in my life Piece 5 Identify changes that have been and may continue to be outside of my control Piece 6 Identify what I am looking forward
		. PSHEKnowd	edge Gained: Impact		to when I move to a new class
To know mine and others value		To use more detailed language to	To use more detailed language to		Taura war datailed law was to
To know mine and others value	To use more detailed language to describe feelings	describe feelings	describe feelings	To use more detailed language to describe feelings	To use more detailed language to describe feelings
Technesis here it facle teche heren	describe jeenings	describe jeenings	describe jeenings	describe jeenings	describe jeenings
To know how it feels to be happy, sad, scared and identify this in	To know how to use strategies to	To know how to break down a	To know how to make healthy life	To know how to negotiate	To begin to describe how I feel
others	calm myself and come up with	goal into manageable steps	choices	situations to come to a win-win	about changes in me
	solutions	5 5 1			5
To know how to make others feel valued	To know ways of helping make others feel better	To know my own role in achieving my goals	To express my thoughts about drugs	To know who to ask for help if I am worried	To know strategies, I can use to help me cope with physical and emotional changes
To know that my actions have rewards/consequences.	To know how to give and receive compliments	To know how to tackle obstacles when they arise	To know how to keep myself and others safe	To show an awareness of how my choices affect others	To reflect on changes I am approaching and how I face them
To work collaboratively in a group					

		<u>P.E. skills:</u> Imptem	entation		
Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Rugby	Gymnastic	Dance	Volleyball	Athletics	OAA
To use speed to run past defenders. How to use a short pass in a	To perform Japana	To perform a dance phrase inspired by the ocean's depths.	To send a ball in a seated volleyball position.	Jumping and hopping sequences.	To use clear communication, strength and flexibility to
game.	To use bounces and broad jumps in a sequence.	To use improvisation to create a	To receive a high ball over our	To run at different speeds.	complete a task.
To use agility to evade being tagged	To attempt a half-lever.	longer movement phrase.	heads.	To approach and jump	To work with others to complete map-reading tasks.
To understand and apply the tag	To transition from a Japana to another shape	To use dynamics in a short group dance to show travelling on the	To serve overarm.	hurdles.	To draw and create a clear
Protocol in game situations.	with control.	ocean.	Techniques to move in seated volleyball	To throw a javelin using the pull-throw technique.	route on a map for others to follow.
To close down an attacker's space as a defender.	Stretches while moving and when we are still to increase our flexibility.	To perform as a class to show the damage that can be caused to the ocean.	The value of cooperation to achieve a task.	A variety of skipping techniques.	To work with others and identify what went well and
To perform a backward pass to continue an attack.	To show strength, flexibility and control in our sequence.	To work as a group to develop a	To make contacts on the ball	To keep score accurately over a	what we could do to improve.
To use accurate passes to create an attack as a team.	To perform a weighted bunny hop showing control and balance.	dance representing the ocean. To prepare our group dance for the	before returning overhead. The principle of 'three contacts'	range of events. To challenge ourselves in	To use the outside of the foot to control the ball and dribble
To pick the ball up from the floor &	An arabesque balance and over-the-shoulder	final performance.	in pair's volleyball.	running, jumping and throwing tasks	To safely take part in trust- based activities.
run with it to start an attack.	roll.	To communicate the theme of a snake through our dance actions.	To move about the court and anticipate where the ball will be	To accelerate over short	To work collaboratively to
To keep possession of the ball and build an attack.	To identify and engage core muscles for stability.	To use dynamics and formations in our dance to help us tell a story.	played. To give our partner more time to	distances. To run and jump using one-	complete a problem-solving task.
To evade being tagged.	To smoothly transition from a front support to side support.	To use space, travel and floor	react by throwing the ball higher.	footed take-off.	To work collaboratively to create shapes whilst
To use changes of speed to create gaps to run into.	To perform a shoulder stand with control.	patterns to enhance the dance.	To move to the net to receive the	To use a sling action to throw a discus.	blindfolded.
To create attacking opportunities in competitive games.	To combine all elements of this unit, showing smooth transitions.	To develop our choreography skills. To work in a small group to create contact movements.	ball from our partner. To move close to the net, ready to receive the ball.	To run on a curve and exchange a baton in our team	To name and recognise the cardinal points of the compass.
		To use peer evaluation to improve	To serve underarm with correct	To apply the skills we have developed in a competitive	To complete an orienteering task calmly under time
		each other's work.	volleyball technique	way.	pressure. To work with a partner to use
					a map to follow a course.
					To recognise and recall common map symbols from a key.

	P.E. Knowledge Gained: Impact							
Head – Decide on ways to improve a piece of team play.	Head – Identify 'core' muscles and use them to improve the quality of shapes and actions.	Head – Suggest how professional work shapes our own.	Head – Communicate as a pair to consistently perform 3 contacts.	Head – Decide on ways to improve, run, jumps and throws and implement	Head – Plan and refine strategies to solve problems.			
Hand – Play using passing back and sideways rules. Heart – Recognise how playing as part of a team can improve your communication skills	Hand – Develop an increased range of actions and shapes to use in more complex sequences. Heart – Show maturity when watching others' sequences.	Hand – Use devices to change actions individually. Heart – Show sensitivity to a dance idea/theme or story.	Hand – Perform a rainbow pass with accuracy. Heart – Suggest why pairs volleyball is an inclusive sport.	changes. Hand – Throw a variety of objects, demonstrating accuracy. Heart – Work with others to score and record distance and times accurately	Hand – Use maps, symbols and compass confidently to navigate. Heart – Work well as part of a team or group within a well- defined role.			

		French skills	: Implementation		
Term 1 J'apprends le français (I Am Learning French)	Term 2 Les formes (Shapes)	Term 3 Petit Chaperon rouge (Little Red Riding Hood)	Term 4 Les nombres (Numbers) and Le calcul (Calculations)	Term 5 L'ancienne histoire de la Grande-Bretagne (Ancient Britain)	Term 6 Cultural Lessons
Explore the patterns and sounds of l Engage in conversations; ask and a Speak in sentences, using familiar v Develop accurate pronunciation and Present ideas and information orally	ling of words, phrases and simple writi	d link the spelling, sound and meaning espond to those of others; seek clarific structures hen they are reading aloud or using fo	ation and help		
Write phrases from memory, and ad Describe people, places, things and Understand basic grammar appropr	rp their ability to understand new word apt these to create new sentences, to ex actions orally* and in writing iate to the language being studied, inclu build sentences; and how these differ fr	press ideas clearly ıding (where relevant): feminine, masc om or are similar to English		Ţ	tures and patterns of the language;
		<u>i rami kiwwleu</u>	<u>ye ounter.</u> Inquite	To know the the 6 key periods of	
To know how to greet others in French. To know how to respond appropriately to questions asked about myself in French. To know how to count to 10 To know how to count to co To know how to say colours in French	To know how to say 10 shapes and their correct determiners in French To be able to revise numbers 1-5 in French and express how many of each shape I can use To be able to say the 2 determiners for 'a' in French.	To know how to say 8 key words in French from the story of Little Red Riding Hood. To know how to say 8 parts of the body in French. To know how to use decoding skills to help learn more words from the story of Little Red Riding Hood.	To know how to count to 10 in French To know how to count to 20 in French To know how to count to 100 in French To know how to do simple calculations in French	 To know the the ofkey periods of Ancient Britain in French. To know how to use the high frequency verb 'j'ai' (I have) in French. To know how to use the high frequency verb 'je suis' (I am) in French. To know how to use the high frequency verb 'j'habite' (I live) in French. 	To know about the Nice Carnival To know about the Fete des Rois To know about Le Poisson d'avril To know about Bastille Day To know how France celebrate Remembrance Day

Forest School skills and activities: Implementation							
Term 1	Term 2	Term 3	Term 4	Term 5	Term 6		
Using your body over the styles Getting ready independently Foraging for wild fruit and harvest- blackberries Shapes of flowers Using blackberries to make paint to draw	Compass and map skills to the woods. Learning to find North on a compass. Making 3d maps of the village/ the woods	Danny the Champion of the world: pheasants, woodland Features of upper canopy, mid and woodland floor.	Exploring the stream in the woods/ looking at the River Medway as a comparison to the Amazon Emergence of spring, new shoots identifying trees in winter first blossoms, Identifying birds and eggs Easter bonnets out of ivy and sticky weed	3D map Games: you are only safe giants, wizards, elves games, parachute games Making shelters in the woods. Knot tying Making rain gauges and monitoring rain fall at Forest School site.	Water conservations looking at the river Medway, longer walk round and across the river Using tools- peelers to whittle wood Making with clay, drying it on the fire, Making and using charcoal to decorate with clay.		
	Forest School K	nowledge Gained and <mark>In</mark>	<mark>rpact</mark> seen in weekly <u>new</u>	<u>rsletter</u> updates.	1		