

Whitley Abbey Primary School

Hand in hand we learn

Year 4 (B) Curriculum

Our Curriculum Drivers					
Possibilities	Reading and Vocabulary	Wellbeing	Citizenship		
Our curriculum is designed to promote aspirations; to allow pupils to make connections between what is learnt in the classroom and open-up possibilities for them in later life. Teachers support children in making links between their learning in the classroom and careers and opportunities in adult life.	Our curriculum is designed to meet the needs of the children we serve placing great emphasis on the development of tier 2 and tier 3 vocabulary and fluency in reading. At Whitley Abbey we recognise that vocabulary development helps children to communicate effectively and to understand what they hear. Reading enables pupils to develop independent learning skills – skills that will serve them well in later life.	Our curriculum is designed to promote pupil's wellbeing and resilience through the Thrive approach and Whitley Character Values. Research suggested that better emotional wellbeing is associated with higher achievement in primary school. When pupils feel safe they are able to better access learning in the classroom.	Our curriculum is designed to prepare the children to take their place successfully in a changing world. It focuses on the importance of citizenship on a local and global scale through the development of the core transferable skills of collaboration, communication, resourcefulness and reflection. Through learning and understanding the school values of friendship, kindness, courage, resilience, gratitude and honesty alongside the British Values children are better prepared to become successful citizens.		

Curriculum Organisation

The curriculum lies at the heart of education and at Whitley Abbey Primary School, it is planned to meet the needs of the diverse school community placing great focus on vocabulary development and exploiting opportunities to read. The curriculum determines what children will know and do, but also helps them discover possibilities by making links to employment and helping pupils to identify their talents and passions. Throughout our curriculum, we promote 'The Whitley Abbey Character Values' (Friendship, Kindness, Gratitude, Honesty, Resilience and Courage) which support children in becoming confident people, able to take their place in society as happy, responsible citizens who care for others and the world they live in.

Whilst our curriculum is not organised into 'themes' we exploit natural links between subjects to support children in making connections- when logical and practical to do so. We believe that this approach facilitates the promotion of 'depth of knowledge' surrounding a subject or idea and as such the development of Cultural Capital. Despite these links, each subject still retains its autonomy and is taught explicitly to support the development of semantic memory. Teachers plan opportunities for knowledge retrieval at spaced intervals to support the creation of long term memories and knowledge.

We intentionally plan visits, visitors and special events at midway or end points so that pupils have developed the language and knowledeg they need to help to immerse in the experience and to bring their learning to life.

Our curriculum is planned to allow pupils to consolidate learning through regularly revisiting skills (deliberate practise); skills which are framed within the development of new knowledge. The consolidation of these skills allowing children to master key learning that can then be independently applied.

The curriculum delivers Programmes of Study for the National Curriculum 2014 and allows for children to learn from exciting, challenging and opportunity rich learning experiences that celebrate the differences and diversity in our school community whilst promoting SMSC development and British Values.



		1	YEAR 4 – HISTORY	
	Term	Autumn	Spring	Summer
	Deliberate Practice (Skills)		periods they study. estions about change, cause, similarity and difference, and significant ful selection and organisation of relevant historical information.	Deliberate Practise Vocabulary: Century, BCE (Before the Common Era), BC, AD prehistoric, prehistory, artefact, chronological order, primary source, secondary source, era, period, decade, millennium, century, chronological order.
	Knowledge Assessment	Ancient Greece	Romans	Anglo Saxons and Vikings
	questions:	Assessment Questions:	Assessment questions:	Assessment Questions:
History		 Can children name some of the main characteristics of the Athenians and the Spartans? Do children Know the influence the gods had on Ancient Greece? Can children name some sports from the Ancient Greek Olympics? Can children say some ways Ancient Greece influenced the world? Do children know that the Olympics originated from Ancient Greece? Can children use a range of sources of evidence? Can children make comparisons between life in different time periods? Can children place key events in chronological order? 	 Do children recognise that around 2,000 years ago, Britain was ruled by tribes of people called the Celts? Can children say/ explain that in 43 AD Romans invaded and Britain became part of the Roman Empire? Can children tell why the Romans invaded Britain, why they were so successful and why they left? Can children describe the Roman army and how the Romans lived? Can children name some significant dates that establish a timeline of Roman Britain? Can children tell the story of why and how Queen Boudicca revolted against the Romans but was defeated? Can children name some of the ways the Romans influenced Britain and the rest of the world? Can children make comparisons between life in different time periods? Can children identify this time-period on a timeline? Can children place key events in chronological order? 	 Do children recognise that the Scots, Anglo-Saxons and Vikings invaded Britain after the Romans left and put their arrival in chronological order? Can children recognise that Anglo-Saxon is made up of 2 groups – The Angles and the Saxons? Can children name some key influential Anglo-Saxon kings? Do children know that the Vikings first came to Britain as traders and then decided to raid Britain? Can children explain what a trial by ordeal entails? Can children recognise how crime and punishment has changed from Saxon times to now? Can children recognise that in AD 1066, the last Anglo- Saxon king of England died and England was invaded by the Normans from France in the battle of Hastings? Do children recognise that the Bayeux Tapestry in France tells the story of the Norman invasion and the battle of Hastings? Do children recognise that the Normans took over England from the Anglo-Saxons? Can children recognise that the Normans took over England from the Anglo-Saxons? Can children recognise that the Normans took over England from the Anglo-Saxons? Can children use a range of sources of evidence? Can children make comparisons between life in different time periods? Can children place key events in chronological order?
	Vocabulary	Ancient, Greece, Greeks, Athens, Sparta, Spartans, civilisation, myth, Olympics, Olympia, mortals, influence, honour, empire, slave, Philosopher, Homer, Alexander the Great, Hippocrates, medicine, city state, democracy, alphabet, Trojan war, battle of Marathon, gods/ goddesses, conquer, custom, originate.	Toga, Julius Caesar, Emperor Claudius, barbarian, baths, mosaic, gladiator, colosseum, empire, shield, amphitheatre, Queen Boudicca, Roman numeral, rebellion, Hadrian's wall, emperor, legions, Celts, Iceni, invasion, legion, Invade, evidence, conflict, revolt, weapon, allies, resist, resistance, culture, warrior, outnumbered, armour, assassination, reign.	Saxon, Scots, Anglo-Saxon, jute, Normans, raiders, traders, Vikings, pagan, Alfred the Great, Battle of Hastings, dark ages, crime and punishment, trial by ordeal, justice, defeat, invade, conquer, successor, wergild, Danegeld, sagas, pillaged, longship.

		YE	AR 4 – GEOGRAPHY	
	Term	Autumn	Spring	Summer
	Deliberate Practice (Skills)	 use the 8 points of a compass Use 4- and 6-figure grid references, symbols and key use fieldwork to observe, measure record and prese 		Deliberate Practise Vocabulary: Map, digital/computer mapping, physical and human features, North, South, East and West Plan, atlas, globe, place, compass, North, South, East and West, North East, South East, North West, South West, Key, symbol, Grid reference.
	Knowledge	Mountains	Rainforests David Attenborough	South America
	Assessment questions:	Assessment Questions:	Assessment Questions:	Assessment Questions:
Geography		 Can children use maps/atlases/globes/digital maps to locate mountains and features? Can children identify the 8 points of a compass? Can children follow compass directions? Can children use 4 figure grid references to locate mountain ranges? Can children explain what a mountain is? Can children identify the features of a mountain? Can children explain how mountains are formed? Can children talk about what a mountain climate is like? Can children name and locate the main mountain regions are in the UK? Can children name some of the world's highest mountains.? Can children explain why the Himalayas are important? 	 Can children use maps/atlases/globes/digital maps to locate Rainforests? Can children use 4 figure grid references to locate features? Can children identify the 8 points of a compass? Can children follow compass directions? Can children define what a rainforest is? Can children identify the different layers of a rainforest? Can children explain the features of a rainforest? Can children talk about the characteristics of the Congo? Can children talk about the impact of deforestation? Can children represent information in different forms (graphs, sketch maps etc)? 	 Can children locate South America on an atlas/on a map? Can children use a key to identify key features and locate them using 4 figure grid references? Can children identify the 8 points of a compass? Can children follow compass directions? Can children name and locate South American countries on a map/globe? Can children talk about the Similarities and differences between Brazil and the UK? Can children talk about what daily life in Rio de Janeiro is like? Can children identify East Brazil's trade links? Can children explain the advantages and disadvantages for Brazil hosting the Olympic Games? Can children present their findings in different ways, i.e graphs, sketch maps and plans)?
	Vocabulary	Mountain, hill, Mountain ranges, peak, summit, landform, plates, mantle, fold, slope, valley, volcanoes, dome, climate avalanche, equator, environment, Himalayas.	Rainforest, Equator, continent, Amazon, Congo, tropical, equatorial, sub-equatorial, precipitation, forest floor, emergent, canopy, under storey, deforestation, logging, tribe, biome, ecosystem, indigenous, fell, oxygen, fertile, carbon dioxide, biodiversity.	South America, landmass, landlocked, indigenous, colony, Western Hemisphere, latitude, longitude, Northern Hemisphere, Southern Hemisphere, time zone, Tropic of Capricorn, equatorial, region, manufacturing, mining, population, trade.

	YEAR 4 – SCIENCE					
	Term	Aut	umn	Spr	ring	Summer
	Deliberate Practice (Skills) (Year 5 in red)	 set up simple pract make systematic ar using a range of eq gather, record, clas record findings usin report on findings f use results to draw identify differences use straightforward 	ical enquiries and comparative a nd careful observations and, who juipment, including thermometer sify and present data in a variet ng simple scientific language, dra rom enquiries, including oral an simple conclusions, make predi- s, similarities or changes related d scientific evidence to answer q	ere appropriate, take accurate me	asurements using standard units, estions ar charts, and tables r presentations of results and cond provements and raise further quest esses gs.	tions
Q		 take measurement when appropriate record data and res and line graphs use test results to r report and present of trust in results, in identify scientific er 	s, using a range of scientific equi sults of increasing complexity us nake predictions to set up furthe findings from enquiries, includin n oral and written forms such as vidence that has been used to su	ipment, with increasing accuracy a ing scientific diagrams and labels,	and precision, taking repeat readin classification keys, tables, scatter is and explanations of and a degre ts	graphs, Deliberate Practise Vocabulary: Observe, measure, record, data, chart, graph, evidence, hypothesis, prediction, enquiry, fair test, variable, dependant variable, independent
nce	Knowledge Assessment	States of matter	Electricity	Living timigs	DaVinci	
Science	questions:	Assessment Questions: Year 4 • Can children provide a definition of solid or liquid? • Are children able to sort objects into solids and liquids? • Can children name some of the properties of gases? • Are children nable to write a scientific definition of a gas? • Can children describe the difference between the particles in solid, liquids and gases? • Can children describe what melting is? • Can children describe what freezing is? investigation? • Do children understand that different freezing/melting points?	 Assessment Questions: Can children identify the purpose of different components in a circuit? Do children know that a complete circuit is needed for a device to work? Can children explain why some circuits will work and others will not depending on how the components have been put together? Do children understand that working with electricity can be dangerous? Can children identify devices that are powered by mains electricity and devices that are powered by batteries? 	 Assessment Questions: Do children know what a habitat is? Can children identify a variety of habitats? Do children know that animals live in habitats that are suited to their needs? Can children identify similarities and differences between similar organisms? Can children group animals and explain the criteria that has been used to sort them? Can children make careful observations to identify the characteristics of different organisms? Do children know that animals can be categorised into broad groups according to their characteristics? 	 Assessment Questions: Do children know that sounds are made when objects or materials vibrate? Do children know that vibrations from sound sources travel through different materials to the ear? Do children know sound can travel through solids, liquids and gases? Do children know that some materials allow sound to pass through them more easily than others? Do children know that sounds get fainter as the distance from the sound source increases? Can children carry out an investigation to explore 	 Assessment Questions: Year 4 Only Can children identify the different types of human teeth? Do children know that the shape of teeth make them useful for different purposes? Can children suggest reasons why animals might have different types of teeth? Do children know that humans have two sets of teeth during their lifetime? Can children explain why it is important to look after teeth? Can children describe ways in which people can make sure their teeth stay healthy? Can children use different sources of information to find the answers to questions they have asked? Can children name some of the organs associated with the digestive system? Can children describe the basic functions of the organs associated with the digestive system? Can children describe the process of digesting food?

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	 Can children describe the process of evaporation? 	 Do children know that it is safe to carry out 	 Can children use a classification key to help 		what happens to sound as it gets further away?	Year 5 Only
	Can children give an	experiments with	them identify which group	•	Can children name some	Can children name and order the main stores in the life surly
			, , ,	•		Can children name and order the main stages in the life cycle the man stages in the life cycle
	everyday example of	batteries but not with mains electricity?	an animal belongs to?Can children identify a		of the reasons why preventing sound to travel	of humans?
	water evaporating?	,	•		is sometimes important?	Can children broadly define the age ranges for each of the
	Can children describe a	 Can children construct a circuit to test which 	variety of animals that are vertebrates, invertebrates,	•	Can children plan a test to	main stages?
	way to increase the rate of			•		 Can children explain some of the physical changes that occur
	evaporation?	materials allow	mammals, amphibians,		measure how well	at different stages in the lifecycle of humans?
	Can children name each of	electricity to pass	insects, reptiles, fish and		different materials muffle	• Can children describe the main stages of gestation in humans?
	the ways a material can	through?	birds?		sound?	Can children explain how embryos and foetuses grow and
	change state?	Can children explain	Can children use a	•	Can children draw	develop in the womb?
	Are children able to	that with some	classification key to		conclusions about which	 Can children describe the needs of a newborn baby?
	describe condensation and	materials the bulb did	identify unfamiliar		materials muffle sound the	 Can they compare the needs of a human baby to those of
	when it happens	not light because the	animals?		best?	
	 water cycle is? Can 	circuit was not		•	Do children know that the	other mammals?
	children name the	complete?			term 'pitch' describes how	Can they describe the stages of development that occur during
	different stages of the	Can children make			high or low a sound is?	childhood?
	water cycle?	generalisations about		•	Can children recognise	Can children explain the initial changes that occur inside and
	 Do children know that 	which materials are			changes in pitch and	outside the body at the start of puberty?
	evaporation and	conductors and which			identify high and low	Can children correctly identify the parts of the body that
	condensation are	are insulators?			notes?	change during puberty?
	processes that can be	Can children name		•	Can children investigate	Can children explain in simple terms the role played by
	reversed?	some conductors and			different instruments and	hormones in the growth of humans and other animals?
	Can children give the	insulators?			make generalisations	• Can children explain some of the ways in which boys' and girls'
	boiling and freezing points	Do children know that			about pitch?	bodies start to differ during
	of water?	a switch can be used to		•	Do children know that the	 puberty?
	. -	make or break a circuit			pitch of a stringed	. ,
	Year 5	to turn a device on or			instrument depends on	Can children explain some ways in which the body changes
	Do children understand	off?			the length, thickness and	during old age?
	the terms 'dissolve',	Can children use their			tightness of the string?	Can children describe some ways in which older people can
	'soluble', 'insoluble', and	knowledge of		•	Can children suggest ways	stay fit and healthy?
	'solution'?	conductors to create a			of testing what happens to	Can children suggest some of the ways in which their bodies
	Can children make and	working switch?			the pitch of a string when	will be different when they are older?
	explain their predictions	 Can children explain 			you alter the	
	about soluble and	how their switches			length, tightness and	
	insoluble materials?	work?			thickness?	
	 Do children know that 	 Can children make 				
	evaporation can be used	predictions about how				
	to separate soluble	to alter the brightness of a bulb?				
	materials from water?					
	 Do children know that 	 Can children name to components in a 				
	filtering can be used to	components in a circuit?				
	separate insoluble	circuit				
	materials from water?Do children know that					
	when some materials					
	are mixed together they					
	cannot be separated again?					
	 Do children know that 					
	 Do children know that when an irreversible 					
	change takes place a					
	new substance is					
	produced?					
	 Can children recognise reversible and 					
	irreversible changes caused by heating and					
	cooling?					
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		 Can children explain how to reverse a change caused by heating or cooling? Do children know that new materials are formed when materials are burned? Can children explain why a certain material has been chosen for a specific purpose, based on its properties? (thermal/ conductor) 				
,	Vocabulary	Year 4 Chemical change, reversible change, irreversible change, solid, liquid, gas, temperature, evaporation, condensation, water cycle, particle, freezing, heating, cooling. Year 5 hardness, transparency, conductivity (electrical, thermal) solubility, solution dissolve, filter, evaporate, sieve, reversible, irreversible	appliance, battery power, main power, circuit, series, cell, battery, wire, bulb, switch, break in circuit conductor, insulator	vertebrates, invertebrates (+ 1 example of each) environment, habitat, classification key characteristics, organism	vibration, wave, volume, pitch, tone, insulation, sound, wave, pattern, volume, insulate, source, muffle	 Year 4 mouth, tongue, teeth, oseophagus, stomach, small intestine, large intestine, nutrients, absorb, canine, incisor, molar producer, consumer, apex predator Year 5 Foetus, Embryo, Womb, Gestation, Baby, Toddler, Teenager, Elderly, Growth, Development, Puberty, hormones, lifecycle, adult, child.

			YEAR 4 – ART	
	Term	Autumn	Spring	Summer
Art	TermDeliberate Practice (Skills)Knowledge Assessment questions:	 to create sketch books to record their observations to improve their mastery of art and design techniq materials [for example, pencil, charcoal, paint, clay <u>Art Transitional Unit:</u> Create a portrait in the style of Seurat. Can children comment on the work of o Can children identify techniques used? Can children create a self portrait in the Quick Clay Figurative Sketches / Making a Pocket Gallery Antony Gormley - Figure sculpture Henry Moore - Figure sculpture Barbara Hepworth - Figure sculpture Can children use a sketchbook to collate drawings, photographs and ideas? Can children control modelling with clay or making attachments with clay, using slip? Can children control the use of tools and their suitability for different tasks - care and safe use of tools? Can children comment on the work of other artist giving an opinion? Can children comment on the work of other artist giving an opinion? Can children comment on the materials and techniques used by an artist? Can children identify similarities and difference between pieces of work? 	Spring s and use them to review and revisit ideas ues, including drawing, painting and sculpture with a range of other artist giving an opinion?	Deliberate Practise Vocabulary: Evaluate, Observe, similarities, Differences, Techniques, Drawing, sketching, shading, line, tone, shape, space, and names of common materials and techniques, sculpture. Drawing with Scissors Inspired by Matisse/Mexican Art Andy Warhol- Screen printing (Pop Art) Assessment Questions: https://www.accessart.org.uk/screenprinting-inspired-by-matisse/ • Can children comment on the work of other artist giving an opinion? • Can children identify similarities and techniques used by an artist? • Can children identify similarities and difference between pieces of work? • Can children row objects from the painting that they are studying using black markers. • Can children draw objects from the painting that they are studying using black markers. • Can children new colours with increasing accuracy? • Can children new colours with increasing accuracy? • Can children describe how to make a colour lighter or darker? • Can children describe how to make a colour lighter or darker? • Can children new thereas use inspired collage using scissors to cut the shapes? • Can children new thereas their own Matisse inspired collage using scissors to cut the shapes?

Vocabulary proportion, decoration, ornate, symbolic, perspective, scale, Character, Personality Motif, Ornamentation, Geometric, Stylised, Abstract	Vocabi	 proportion, decoration, ornate, symbolic, perspective, scale, 	Representational, Natural, Swirling, Stippled, Transparent, Opaque,	Stamp, Emblem, pop art, repeated Motif, Ornamentation, Geometric, Stylised, Abstract Linear, Manipulate, Block, Repeat, Continuous, screen printing.
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			YEAR 3 – ART	
	Term	Autumn	Spring	Summer
	Deliberate Practice (Skills)	 are fit for purpose, aimed at particular individuals of generate, develop, model and communicate their in and exploded diagrams, prototypes, pattern pieces joining and finishing], accurately select from and use a wider range of materials and according to their functional properties and aesthetinvestigate and analyse a range of existing products evaluate their ideas and products against their own understand how key events and individuals in designapply their understanding of how to strengthen, stituunderstand and use mechanical systems in their products 	deas through discussion, annotated sketches, cross-sectional and computer-aided design components, including construction materials, textiles and ingredien tic qualities a design criteria and consider the views of others to improve their wo gn and technology have helped shape the world Technical knowledge iffen and reinforce more complex structures oducts [for example, gears, pulleys, cams, levers and linkages] lucts [for example, series circuits incorporating switches, bulbs, buzze	ork
DT	Knowledge Assessment questions:	Pavilions Assessment questions: https://www.kapowprimary.com/subjects/design-technology/lower-key-stage-2/year-4/structure-pavilions/assessment-dt-y4-structure-pavilions/a	Fastenings Assessment questions: https://www.kapowprimary.com/subjects/design-technology/lower-key-stage-2/year-4/textiles-fastenings/fastenings/fastenings/assessment-dt-y3-textiles-fastenings/ • Can the children explain what the term 'accurate' means? • Can the children identify and explain what a seam is? • Can the children identify and explain what a seam is? • Can the children identify a zipper, toggle and press stud and explain where they are most suitably used? • Can the children define what a prototype is? • Can the children us annotated sketches to communicate ideas? • Can the children evaluate their product for both their appearance and purpose?	Slingshots – mechanisms Biscuits – food Assessment questions: https://www.kapowprimary.com/subjects/design- technology/lower-key-stage-2/year-4/mechanical-systems-making- a-slingshot-car/assessment-dt-y4-mechnical-systems-slingshot-car/ • Can the children explain what a mechanism is? • Can the children explain what an exploded diagram is and why they are useful? • Can the children explain what air resistance is? • Can the children explain what air resistance is? • Can the children explain what a template is and why they are important? • Can the children explain what a template is and why they are important? • Can the children explain why it is important to test and evaluate a product? Assessment questions: https://www.kapowprimary.com/subjects/design- technology/lower-key-stage-2/year-4/food-adapting-a- recipe/assessment-dt-y4-food-adapting-a-recipe/ • Can the children describe the importance of the method in a recipe? • Can the children explain how to keep safe when handling hot food? • Can the children explain how to improve a recipe? • Can the children explain how to improve a recipe?

	Aesthetic, cladding, design criteria, evaluation, frame	Aesthetic, assemble, design criteria, evaluation, fabric fastening,	Air resistance, design criteria, function, kinetic energy, mechanism
Maaahulamu	structure, reinforce, stable, structure, target audience, target	running stitch, stencil, target audience, target customer, template	
Vocabulary	customer, texture, structure		Adapt, budget, evaluation, ingredients, method, prototype,
			quantity, recipe, unit of measurement

		YE	AR 4 – COMPUTING				
	Term	Autumn	Spring	Summer			
	Deliberate Practice (Skills)	 design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts use sequence, selection, and repetition in programs; work with variables and various forms of input and output use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact 					
	Continuous provision	Our computing curriculum aims to explicitly teach Computer Science Skills. Digital literacy and Information Technology will be delivered in a cross curricular approach. Therefore, children will be given regular opportunities to practise word processing skills, use search engines, save and edit their work and present ideas in a variety of forms through other areas of the curriculum.					
Computing	Knowledge Assessment questions:	 National Online Safety Unit – Online reputation 1+2 Assessment Questions: Can children keep themselves safe? Can children explain how online and offline identities can be different? Unit 4.7 Can children use a search engine? Can children use a search engine? Can children demonstrate their understanding of online safety whilst using search engines? Can children analyse the contents of a web page for obvious clues about the credibility of the information? Unit 4.8 Can children recognise the main component parts of hardware which allow computers to join and form a network? Can children explain that there are different types of network and how they are connected? 	 National Online Safety Unit –Online reputation 3 Assessment Questions: Can children describe positive ways for someone interact online? Can they understand how this can impact on how they are perceived? Unit 4.6 Can children explain what stop animation is? Can children create their own stop animation? Can children use the skin animation tool to show movement across the screen? Can children add backgrounds and sounds to their animation? Unit 4.9 Can children identify and discuss the main elements of music? Can children explain what melody is? Can children add melodic pattern using 2sequence? Can children use a variety of notes/experiment with pitch? Can children create a piece of house music? 	 National Online Safety Unit –Online reputation 4 Assessment Questions: Can children explain that others online pretend to be someone else and explain reasons why they might do this? Year 4 Unit 4.1 Can children turn a simple real-life situation into an algorithm for a program by deconstructing it into manageable parts? Can children use coding structures for selection and repetition? Can children fix bugs in their own code? Can children fix bugs in their own code? Can children use timers to achieve repetition effects in a logical way? Do children understand 'if statements' for selection and combine these with other coding structures including variables to achieve the effects that they design in their programs? Can children turn a simple real-life situation into an algorithm for a program by deconstructing it into manageable parts? Year 5 Unit 5.1 Can children turn a simple real-life situation into an algorithm for a program by deconstructing it into manageable parts? Can children turn a simple real-life situation into an algorithm for a program by deconstructing it into manageable parts? Can children turn a simple real-life situation into an algorithm for a program by deconstructing it into manageable parts? Can children identify an error within a program that prevents it following the desired algorithm and then fix it? Can children fix bugs in their own and others code? 			

			 Can children explain the functions of variables in coding? Can children translate algorithms that include sequence, selection and repetition into code? Can children use tabs to organise their code?
Vocabulary	Search engine, key words, credibility, component, hardware, network, connection.	Animation, skin, movement, background, sound, rhythm, tempo, melody, pattern, notes, music.	Algorithm, program, deconstruct, parts, bugs, code, if statements, variables, command, repeat until.

	YEAR 4 – RELIGIOUS EDUCATION				
	Term	Autumn	Spring	Summer	
	Deliberate Practice (Skills)	 Develop tolerance and respect and show empathy To be able to debate ideas, values and ideologies d 	Deliberate Practise Vocabulary: respect, tolerance, empathy, beliefs, values, ideology, belonging, purpose, diversity.		
RE	Knowledge Assessment questions:	<u>Assessment Questions</u> : Autumn 1: What does it mean to be a Hindu in Britain today? (part 2)	Assessment Questions: Spring 1: Why are festivals important to religious communities? Eid focus	Assessment Questions: Summer 1: What can we learn from other religions when deciding what is right and wrong?	
		 Can children describe the Hindu belief in karma? Can children describe some important events in the life of Ghandi? Can children explain how the actions of Ghandi affect the life of Hindus today? Can children describe Hindu life in Britain today? Autumn 2: What does it mean to be a Christian in Britain today? (part 2)	 Can the children tell the story of Rama and Sita and explain the feelings of Rama and Sita at different points? Can the children explain how the story links to Hindu's beliefs and celebrations of Diwali? Can the children identify similarities and differences between Eid and Easter? Can the children identify the sacrifices made at Easter and before Eid? Can the children explain why Jewish people celebrate Pesach annually? 	 Can children talk about how religion may help believers make a difficult decision? Can the children retell a story of temptation and explain why people find it hard to be good? Can the children identify someone inspirational who has been guided by their religion? Can the children discuss how themselves and others decide what is right and wrong? Can the children recognise similarities and difference between the codes for living of two different religions? 	
		 Can children explain what happens in Holy Communion and why Christians regularly take part? Can children explain how Catholic Christians prepare to take part in their first Holy Communion? Can the children identify how churches in our local area support the community or how Christian groups support their community? Can children explain who Rosa Parks is and what she stood up for? 	 Spring 2: Why is Jesus inspiring to some people? Can the children describe how a Christian might live today based on what Jesus has taught them? Can the children explain how Christians celebrate Holy week and Easter Sunday? Can the children identify the most important parts of Easter for Christians and explain why? Can the children define Christian terms such as salvation and gospel? 	 Summer 2: Why do some people think that life is like a journey and what significant experiences mark this? Can the children identify the key milestones some people think they will reach during their life? Can the children describe what happens in ceremonies of commitment in the Christian, Jewish and Hindu faith? What do the rituals symbolise in these ceremonies? Can the children suggest why marking milestones in life are important to people in these faiths? 	
	Vocabulary	 Autumn 1 inspire, independence, philosophy, Mahatma Ghandi, leader, British Empire, culture. Autumn 2 Holy Communion, bread, wine, Rosa Parks, rights, equality, justice. 	 Spring 1 celebration, sacrifice, Rama and Sita, Diwali, Pesach, Passover, slavery. Spring 2 gospel, salvation, incarnation. 	Summer 1 Morals, conscience, temptation, sacrifice Summer 2 commitment, baptism, Namkaran. Wedding, ketubah, chuppah	

	YEAR 4 – PHYSICAL EDUCATION				
	Term	Autumn	Spring	Summer	
PE	Deliberate Practice (Skills)	 use running, jumping, throwing and catching in isol play competitive games, modified where appropria netball, rounders and tennis], and apply basic princ develop flexibility, strength, technique, control and perform dances using a range of movement patterr take part in outdoor and adventurous activity chall compare their performances with previous ones an 	Deliberate Practise Vocabulary: run, jump (star, tuck, bunny hop, leap, hop, straight, half) throw (over arm, underarm, bounce pass, chest pass) catch, balance, stretch, counter balance, agility, co-ordination, team, attack and defend, movement pattern, warm up, cool down, healthy, exercise, fitness, Evaluate.		
	Knowledge Assessment questions:	Assessment Questions: Dance • Can children evaluate and improve a dance performance? • Can children name the muscles/body parts that they need to warm up and cool down for dance? • Can children respond to a stimulus to create movement patterns? • Can children show a range of symmetric and asymmetric actions, shapes and balances? • Can children move from floor to apparatus safely? • Can children say what they need to do improve their performance? • Can children talk about the importance of exercise and some of the effects it has on their body?	 Assessment Questions: Invasion Games Can children show you accuracy when passing a ball? Can children show you how to send and receive a ball using different ways? Overarm/underarm/ chest pass/bounce pass Can children travel whilst maintaining control of a ball? Can children explain how to organise themselves to play an invasion game? Can children evaluate their performance? Can children talk about the importance of exercise and some of the effects it has on their body? 	 Assessment Questions: Athletics Can children choose skills and equipment to meet challenges set? Can children change speed or technique to meet challenges set for running, jumping and throwing? Can children tell you what their body feels like when exercising? Can children describe what happens to their bodies during exercise? Can children evaluate their performance? Can children talk about the importance of exercise and some of the effects it has on their body? 	
	Vocabulary	Dance timing, stimulus, translating, freely, improvise Spatial awareness Gymnastics Combine Rotation Against Towards Across Evaluate Improve Height Strength Suppleness Stamina Speed Level Wide Tucked Straight Twisted Constructive Points Twist Turn Safety Refine Agility Strength, Technique, Control Balance Evaluate Improve Shapes - Health and fitness – tuck, straddle, pike, arch, back support, Spatial awareness Repeat Dance Character Repetition Action Reaction Pattern Movement Evaluate Improve Agility Flexibility Strength, Technique,	Possession Scoring Space Pass/send/receive Dribble Travel Team Striking Bowling Throwing Fielding Combinations Co -ordination Fluency Co -operation Competition Technique Partner Points Goals Rules Tactics Batting Fielding Bowler Wicket Tee Base Boundary Innings Rounder Backstop Court Target Net Defending Hitting Stance Offside Pitch Running Technique	Running Technique Pace Accuracy Power Throw High Low Skip Aim Fast Slow Bounce Jump Leap Hop Run Target Overarm Underarm Walking Jogging Accelerate Baton Relay Push Take off Landing Health and fitness – warm up/ cool down	

YEAR 4 – MUSIC					
	Term	Autumn	Spring	Summer	
Music	Deliberate Practice (Skills)	 play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression improvise and compose music for a range of purposes using the inter-related dimensions of music listen with attention to detail and recall sounds with increasing aural memory use and understand staff and other musical notations appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions develop an understanding of the history of music. 			
	Knowledge Assessment questions:	 Unit 2 – Glockenspiel Stage 2 - To develop the playing of the glockenspiel learning more complex rhythm patterns Assessment Questions: Can children play the instrument carefully to get the correct sound? Can children play and read the notes CDE and F? Can children play and read the notes CDE and F with improvisation? Can children compose a simple piece using the notes CDE and F? 	 Unit 3 – STOP! - To explore the genre of Grime and other modern forms of music. Assessment Questions: Can children Identify the structure of the song? Can children name the instruments and voices used? Can children find the pulse in a piece of music? Can children write lyrics linked to the theme? 	 Unit 4 – Lean on Me - To understand the genre of Soul/Gospel music. Assessment Questions: Can children compose a simple melody using simple rhythms and use it as part of a performance? As above with the notes F, G and A? As above with C D F G A? Can children identify the themes and empathise with the emotions by listening and singing? 	
	Vocabulary	Unit 2 Improvise, compose, pulse, rhythm, pitch, tempo, dynamics, texture, structure, melody	Unit 3 Structure, introduction, verse, chorus, improvise, compose pulse, rhythm, compose, perform, dynamics, tempo, hook, riff, melody, solo, turntables, synthesisers	Unit 4 Unison, by ear, notation, structure, introduction, verse, chorus, improvise, compose, pulse, rhythm, compose, perform, dynamics, tempo, hook, riff, melody, solo	

	YEAR 4 – FRENCH					
	Term	Autumn	Spring	Summer		
French	Deliberate Practice (Skills)	 listen attentively to spoken language and show understanding by joining in and responding explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help* speak in sentences, using familiar vocabulary, phrases and basic language structures develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases* present ideas and information orally to a range of audiences* read carefully and show understanding of words, phrases and simple writing appreciate stories, songs, poems and rhymes in the language broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material , including through using a dictionary write phrases from memory, and adapt these to create new sentences, to express ideas clearly describe people, places, things and actions orally* and in writing 				
	Knowledge Assessment	On y va! -Stage 2 Assessment Questions:	Raconte-moi une histoire - Stage 2 Assessment Questions:	Quel temps fait-il – Stage 2 Assessment Questions:		
	questions:	 Can children name places where French is spoken and find them on a map? Can children say weather and transport words in French? Can children recognise and order the days of the week in French? Can children join sentences with et and mais ? Can children talk in French about ways in which people travel? Can children understand others saying how they travel? Can children recognise that some final letters in French are silent (e.g. t, d)? Can children write about travelling to different places and the weather? Can children write familiar words in French from memory? 	 Can children understand a familiar story in French? Can children make links between French words and familiar words? Can children use a dictionary to add to a 'qu' wordbank? Can children distinguish between the French sounds on and en/an? Can children understand that some adjectives have an 'e' added to the end when they describe a feminine noun (e.g. grand/grande, méchant/méchante)? Can children chose an appropriate adjective to describe a character in a sentence, applying French grammar rules? Can children recognise numbers in 10s to 100 in French to count in 10s to 100 in French? 	 Can children say what the weather is like in French? Can children recognise weather expressions in French? Can children use Je porte (what I am wearing) in sentences and recognise the names of items of clothing? Can children understand and form the date in French? Can children ask and answer the questions Quelle est la date aujourd'hui? and C'est quand ton anniversaire ? Can children understand the expression Quand (weather) il te faut (clothing) ? Can children recite a weather forecast in French? Can children recite a poem using good intonation and pronunciation, distinguishing between eu, au and en/an? 		
	Vocabulary	Je vais à l'école. I go/l'm going to school. à pied on foot en voiture by car en vélo by bike en bus by bus en train by train Où vas-tu? Where are you going? Je vais l'm going en Belgique to Belgium en France to France II fait chaud. It's hot. Il fait froid. It's cold. Il fait beau. It's fine weather. Il fait mauvais. It's bad weather. Il fait du soleil. It's sunny. Il fait du vent. It's windy. Il pleut. It's raining. lundi, mardi, Monday, Tuesday, mercredi, jeudi, vendredi, Wednesday, Thursday, Friday, samedi, dimanche Saturday, Sunday et and	Regardez. Look. Répétez. Repeat. Écoutez. Listen. 40–90: quarante, cinquante, 40–90: forty, fifty, soixante, soixante-dix, sixty, seventy, quatre-vingts, eighty, quatre-vingt-dix, cent ninety, a hundred II/Elle est He/She is grand(e) big petit(e) small vrai, faux true, false Levez-vous. Stand up/Get up. Asseyez-vous. Sit down. Levez la main. Put your hand up. Taisez-vous. Be quiet. Venez ici. Come here. charmant(e) charming méchant(e) wicked/bad/naughty	Il neige. It's snowing. Il gèle. It's freezing/icy Quand, il te faut When, you need Il fait degrés. It's degrees. moins deux, etc. minus two, etc. lundi, le 5 juin, etc. Monday 5th June, etc. le 5 juin, etc. the 5th June, etc. un manteau a coat un chapeau a hat un parapluie an umbrella une écharpe a scarf des gants (m. pl.) gloves des bottes (f. pl.) boots des lunettes de soleil (f. pl.) sunglasses		

	YEAR 4 - PSHE			
	Term	Autumn	Spring	Summer
PSHE	Deliberate Practice (Skills)	 understand the importance of positive and healthy relationships understand the importance of respecting others and of self respect. understand the Whitley Values and British Values and how we should use these in our lives. understand what consent is, how to give and refuse consent understand the importance of physical health and mental wellbeing and understand the difference between healthy and unhealthy choices, including the impact mentally on their emotions. understand how to keep themselves safe and what to do if they feel unsafe. understand the growth mind-set and mental health strategies they can use when they are struggling. 		
	Knowledge Assessment	Relationships Assessment Questions:	Living in the Wider World Assessment Questions:	Health and Wellbeing Assessment Questions:
	questions:	 Do children understand the importance of positive relationships, to friendships, family relationships, and relationships with other children and with adults? Do children understand the importance of respecting others and of self respect? Can children appreciate the differences of other cultures, races and faiths? Do children know how to ask for help when they are feeling pressured by friends? Do children understand what developing a growth mindset means to them? Do children understand what the Whitley Values and British Values are and how we should use these in our lives? Do children understand what bullying is, how to ask for help and how to support others? 	 Do children understand the importance of being included and how to include others? Do children understand what talents and skills they have and how these can help the community? Do children understand what developing a growth mindset means to them? Do children understand how to develop their reciprocity and team work? Do children understand how they can be resourceful? Do children understand what the Whitley Values and British Values are and how we should use these in our lives? Do children understand what bullying is, how to ask for help and how to support others? 	 Do children understand the importance of physical health and mental wellbeing and are able to begin to make choices for themselves? Do children understand the difference between healthy and unhealthy choices, including the impact mentally on their emotions? Do children understand how to keep themselves safe, they understand how to recognise feelings of being unsafe and how to report to an adult? Do children understand the growth mindset strategies they can use when they are struggling? Do children understand how being reflective can help them to improve? Do children have strategies which they can use when they struggle with their emotions? Do children understand what makes them special?
	Vocabulary	Relationships: put down, set-back, Friend, Kindness, Emotions, Feelings, Care, Conflict, Qualities, impact, mental health, Celebrate, Goals, Positive, rude, mean, bullying, race, culture, gender, faith. Same, different, respect, trust, honesty, listening, talking, teamwork, including, excluding, rude, mean, bullying, peer pressure, teasing, respect, understanding, growth mindset, resilience, reciprocity, resourcefulness, reflection, tolerance, kindness, friendship, resilience.	Living in the Wider World: saving, money, budget, pocket money, community, benefits, volunteer, compassion, caring, kindness, responsibilities, spending, budgeting, responsibility, environment, single- use plastics, recycling, community, family, school, church, mosque, synagogue, chapel, clubs, teams, compassion, help and support, caring, courage, honesty, liberty, reciprocity, resourceful.	Health and Wellbeing: Baby, toddler, school aged, teenager, adult, elder, Age, difference, physical changes, puberty, reproduction, Stereotyping, Individual, menstruation, periods, Relationship, hygiene, grooming, clean, strategies. Anxious, Emotions Relationships, Support, Advice, penis, vagina, womb, hormones, sweat, hair, low mood, wet dream, erection, puberty, caffeine, alcohol, tobacco, nicotine, alcohol, risk, habit, addiction, age restrictions. Drugs, Legal, Illegal Prescribed, Harmful Substances, Heart Lungs, Brain, Stomach, Peer pressure, Medicine Behaviour, Drug use, health, wellbeing, food, choices diet, moral diet, sleep. Cleaning products, side-effects, reflective, democracy, rule of law, courage, gratitude.