

Curriculum Concepts Plan Class 2: Years 3/4



Term/Concept	Autumn A - Changes	Spring A - Creatures	Summer A - Time	
History	Change and Continuity Changes within living memory and how they have influenced life today. The Roman Empire and its impact on Britain. To be able to investigate and interpret different accounts of historical events and be able to explain why they may differ. Use a variety of historical sources to collect and organise information. To be able to understand the relevant time frame and know BC/AD.	Cause and Consequence To study Britain's settlement by Anglo- Saxons and Scots and recognise the impact it had on Britain today.	Significance Who were the greatest builders?	
Geography	Human geography, including types of settlement and land use, economic activity including trade links and the distribution of natural resources including energy, food, minerals and water	Geographical skills and fieldwork: use the eight points of the compass, four and six figure grid references, Ordnance Survey maps to build knowledge of the UK and the wider world Locational Knowledge: name and locate the counties and cities of the UK, human characteristics, geographical regions, key topographical features, land patterns and how these change over time	Locational Knowledge: continents and oceans, counties and capital cities in the uk	

Science	Rocks: compare and group together different types of rocks on the basis of their appearance and physical properties. Describe how fossils are formed when things that have lived have been trapped within rock Recognise that soils are made from rocks and organic matter	Light recognise that they need light in order to see things and that dark is the absence of light notice that light is reflected from surfaces recognise that light from the sun can be dangerous and that there are ways to protect their eyes Recognise that shadows are formed when the light from a light source is blocked by an opaque object Find patterns in the way that the size of shadows change Electricity identify common appliances that run on electricity construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit recognise some common conductors and insulators, and associate metals with being good conductors	States of matter 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 (°C) identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature Sound identify how sounds are made, associating some of 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 volume of a sound and the strength of the vibrations that produced it recognise that sounds get fainter as the distance from the sound source increases
Art	Collage To know what collage is and how mosaics were used by the Romans to decorate their homes. To understand and use different techniques, associated with creating a collage. To know how use of colour and combinations can create different effects.	Work of other artists To be aware of Salvador Dali who was a Spanish Surrealist painter and recognise his style. To understand how he has portrayed his techniques within his art. To understand the surrealism movement and its rationale.	Printing To be aware of a variety of the printing technique of block printing and understand and use the processes used to produce a simple print using the 7 wonders of the world as a stimulus. Drawing

		D objects – Roman Shields Gee DT knowledge and skills organiser		Painting To revisit and know the primary colours of red, blue and yellow and know that secondary colours will be produced by mixing primary colours together. To use this knowledge to paint a picture of a dragon. To know that a range of tones can be made by adding increasing amounts of a dark colour to a light colour		To know how pencils are classified – hard (H) soft- blackness (B) and use them appropriately to add texture to sketches and paintings. Know how to use that knowledge that shading can make a 2D sketch look 3D. To know how famous artists, eg. Vincent Van Gogh, use these techniques in their work.	
DT	Construction To be aware of the use and functionality of a Roman shield. To know and use the processes required to plan, make and evaluate a product fit for purpose. To understand how materials can be used to create structures which are strong and sturdy. Use the shields in a mock battle.		Textiles To know and use the processes required to plan, make and evaluate a product fit for purpose. To explore and investigate textiles for appearance and functionality To understand that simple fabrics can be used to create 3D objects e.g an insect		Food Understand the basic principles of a healthy and varied diet when		
Music	Unit: Three Little Birds Style: Reggae This unit presents an integrated approach to music where games, elements of music (pulse, rhythm, pitch etc.), singing and playing instruments are all linked. As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other Reggae songs.	Unit: Glockenspiel Stage 1 Style: Learning basic instrumental skills by playing tunes in varying styles introduces the children to learning about the language of music through playing the glockenspiel. The learning is focused around exploring and developing playing skills through the glockenspiel. Simple scores will be used in this unit as having an understanding of the	Unit: Mamma Mia Style: Pop (ABBA) As well as learning to sing, play, improvise and compose with the well-known song Mamma Mia, children will listen and appraise more ABBA hits.	Style: A little bit funky and music from around the world. This is a song about kindness, respect, friendship, acceptance and happiness. Listen & Appraise apps; new progressive Warmup Games, Flexible Games and improvisation resources, and a compose tool will be used to structure the unit.	Unit: Bringing Us Together Style: Disco This is a Disco song about friendship, peace, hope and unity. Listen & Appraise apps; new progressive Warm-up Games, Flexible Games and improvisation resources, and a compose tool will	Unit: Reflect, Rewind and Replay Style: Western Classical Music This Unit of Work consolidates the learning that has occurred during the year. All the learning is focused around revisiting songs and musical activities, a context for the History of Music and the	

		language of music is important.			be used to structure the unit.	beginnings of the Language of Music.
PSHE	World of work Identify my strengths and to different career paths is factors that influence job explain key skills that will Spending and saving me Identify different types of it comes from. Identify difference between needing money. Road safety Identify and model the 'St sequence whilst recognisis the road. Understand their pedestrian, a cyclist, a part public transport. To be about the effect of risky behavior Individual and collective Identify what skills are need in a team and how everyonstrengths to working in a sex sill same and the strengths to work sill same and the strengths the strengths to work sill same and the strengths th	by becoming familiar with decisions. Be able to help me get a job beney money and know where if ferent ways that people y and identify the ng and wanting to spend op, Look, Listen, Think'ng safe places to cross responsibilities as a ssenger in a car or on le to understand risk and bur strengths eded to work with others ne brings different ream	body and mind and how physical activity makes our bodies feel Understand why exercise makes us feel good Everyday drugs Identify that some drugs are legal, and some are illegal and their associated dangers and health risks Be aware that they can always ask for help and who to ask for support Turn off, let's play Describe how someone might feel if people are always on their devices and evaluate how much time can be spent on them. Identify the benefits of taking time to disconnect from digital devices Everyday feelings Identify that feelings and emotions are part of a person's health and wellbeing and that they can change throughout the day Identify examples of everyday things that can emotions and identify those maybe intense ar Describe different feeling they are experienced we recognising it is import to express their feeling. Wellbeing Recognise that mental important as physical hunderstand that everyout experiences ups and domental health. Know where to go for health and wellbeing and that they can change throughout the day Identify examples of everyday things that can		ge of feelings and entify how some of ense and strong. In feelings and how need whilst mportant for people eelings. In ental health is as sical health and everyone and downs in their of for help if they or unhappy. In early light is a can be damaged. It can be damaged and keep skin safe some simple ng sunblock.	
Computing	Unit 1 - Word Processing All about me – combinin Communicating safely on Understand computer net provide multiple services the opportunities they offe collaboration. Be able to a a variety of software on a to design and create a rar systems and content that Use technology safely an recognise acceptable/una	the internet works and how they can such as the WWW and er for communication and select, use and combine range of digital devices age of programs, accomplish given goals.	a range of digital devices to design and create range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information. Understand computer networks,		software (includir on a range of dig design and creat programs, syster accomplish giver collecting, analys presenting data a	d edit ance combine a variety of ng internet services) pital devices to e a range of ms and content that

Unit 2 - Research and Publishing

Publish a project and leave comments - making and sharing a short screencast presentation 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 on a range of digital devices to design and create a range of content and accomplish given goals including collecting, analysing, evaluating and presenting information

Work with variables and various forms of input and output. Use logical reasoning to explain how some simple algorithms work. Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content

Unit 4 - Programmable Robots Espresso coding - inputs and sequencing

Programming an animation Design, write and debug programs that accomplish specific goals, solve problems by decomposing them into smaller parts. Use sequence in programs, work with variables and various forms of input and output. Use sequence, selection, and repetition in programs; work with variables and various forms of input and output. Select, use and combine a variety of software to design and create content that accomplishes given goals including presenting information

programs:' work with variables and various forms of input and output Use technology safely and responsibly recognise acceptable/unacceptable behaviour Understand computer networks including the internet and the opportunities they offer for communication and collaboration Be discerning in evaluating digital content

Unit 6 - Code programming and debugging Pacman/How to catch a spider -Block coding and adding

Finding and correcting bugs in programs

conditions

Debug programs that accomplish specific goals and use sequence, selection, and repetition in programs. To be able to 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

RE

L2.1 What do Christians learn from the creation story?

To place the concepts of God and the Creation on a timeline. Recognise the impact on Christian people from the story of Adam and Eve. To ask questions about why it is important for Christian and non-Christian people.

L2.2 What is it like for someone to follow God? To make clear links between the story of Noah and the idea of a covenant. Link covenants with

L2.9 How do festivals and worship show what matters to Muslims?

Identify some beliefs about God in Islam, expressed in Surah 1 and make clear links between beliefs about God and ibadah (e.g., how God is worth worshiping; how Muslims submit to God). Give examples of ibadah (worship) in Isla m and describe what they involve.

L2.10 How do festivals and family life show what matters to Jewish people.

Unit L2.4 What kind of world did Jesus want?

Identify texts that come from a Gospel, which tells the story of the life and teaching of Jesus and give examples of how Christians try to show love for all.

Unit L2.12

	promises made by Christian people e.g. at a wedding and how these impact on the wider world.	Identify some Jewish beliefs about God, sin and forgiveness and describe what they mean Offer informed suggestions about the meaning of the Exodus story for Jews today and describe how Jews show their beliefs through worship in festivals, both at home and in wider communities.	How and why do people make the world a better place? Identify some beliefs about why the world is not always a good place and describe some examples of how people try to live. Identify some differences in how people put their beliefs into action
PE	Tag Rugby To be able to run with the ball at speed, dodging tackles and passing with accuracy. Football I can make good decisions of when to attack and defend. I can pass and receive the ball with control to keep possession, dribble the ball at speed and be aware of space to support teammates.	To be able to swim 1 width on the front with a float with both arms outstretched in front, swim 1 width on the back with a float, using a straight leg action kick and swim 1 width on the front with a float, using a breaststroke style leg action. Gymnastics To be able create a sequence of 6 - 8 elements using the floor and apparatus? To include both symmetrical and asymmetrical elements and a start and finish position. Dance To be able to perform a dance which has 3 sections within it, include an action - reaction element to my dance and include unison and canon.	Striking and fielding To develop appropriate skills to play a striking and fielding game. To be able to throw a ball overhand and stop a ball passing when fielding and hit a ball at different distances. Athletics 3/4 To be able to sprint using an effective arm action. In a relay be able to pass and receive a baton successfully. Select a jump for distance, driving arms and legs to gain height. To throw balls in a variety of ways with increasing accuracy. Through sports day, participate in an athletics competition to demonstrate the skills learned to improve sprinting, jumping and throwing.
MFL	Birthday and Celebrations Christmas To know numbers 1-31, months, dates, asking for and giving birthday, language to do with birthday celebrations and some more Christmas vocabulary. To use the new language to understand and create invitations, follow instructions for making a piñata, understand songs, stories and video about birthdays and other celebrations.	Shape and prepositions Focus on the work of Miro. To develop the same linguistic skills in different contexts. There is a focus on shapes and prepositions of place, to be used creatively in an art project focusing on the work of Miró. To use familiar verb forms in this new context to describe pictures they create. To learn the parts of the body and face and use this language to describe the	Family members The story of the Giant Turnip To learn the language for family members. To re-tell the story 'The giant turnip'. They learn how to say 'Tengo un/unaque se llama' I have acalled and apply this also in the context of pets. To learn adjectives for describing personality and physical description (hair and

work of other famous Spanish artists (e.g. Picasso).	eyes). To use key verbs in the 3rd person singular and plural:> tiene (has), es (is), tienen (have), son (are).
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Term/Concept	Autumn B - Home	Spring B - Moving	Time B - Life
		Cause and Consequence Revisiting Ancient Civilisations eg Pompeii	Significance Changes in Britain from the Stone age to Iron age
Geography	UK place knowledge Human and Physical Geography: including climate, zones, biomes, rivers, volcanoes, earthquakes and the water system Fieldwork: the study of the local area, to include observation, measurement and recording of human and physical features	Physical Geography: To be able to describe and understand key aspects of earthquakes and rivers. Locational knowledge: To identify the position and significance of latitude and longitude	Human Geography To describe and understand key aspects of physical geography such as rainforests and the water cycle. Locational Knowledge To locate the world's countries on a world map and globe. Name and locate counties and cities of the UK
Science	Animals including humans 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 Describe the simple functions of the basic parts of the digestive system in humans Identify the different types of teeth in humans and their simple functions construct and interpret a variety of food chains, identifying producers, predators and prey	Forces including magnets Compare how things move on different surfaces and notice that some forces need contact between 2 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 2 poles predict whether 2 magnets will attract or repel each other, depending on which poles are facing	Living things and their habitats Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant Investigate the way in which water is transported within plants explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal

					group, identify and n	of ways sification keys to help ame a variety of living and wider environment onments can change metimes pose
Art	Drawing – still life To know how pencils are blackness (B); also signif To know that mark making sketches and paintings. To know that shading can 3D. Textiles To be aware of a range of select ones appropriate to Understand and use a val printing, dyeing and stitch textural effects Know and use key vocable their work	france of number. It can add texture to make a 2D sketch look If materials and be able to the task riety of techniques e.g. hing to create different	Drawing – Famous, notable artist Use inspiration from famous artists to replicate a piece of their work Reflect upon their work inspired by famous artist and the development of their art skills Express an opinion on the work of famous artist Sculpture To become proficient in sculpting techniques and improve their mastery of art and design techniques: Cut, make and combine shapes to create recognisable forms Use clay and other malleable materials and practice joining		Painting To be aware of cave art and its significant meaning. To understand the term parietal. To know what a limited palette is and be able to work within its restrictions. To understand how a range of tones can be made by adding increasing amounts of dark colour to a light colour. Drawing Understand the different grades of pencil and other implements. Understand the aspects such as line, tone and shape and how they can be used to represent things seen, imagined or remembered.	
DT	Food Understanding seasonality variety of ingredients are processed within the loca To know how to read a reand prepare food in a saft To understand how the integral and react to make a loaf of the season of the	grown, reared caught and larea. cipe, weigh ingredients e and hygienic way gredients used combine	Construction Design and make a volo wide variety of materials stable.	cano eruption using a s to ensure it is strong and	Textiles To design, plan and Stone Age tunic for a evaluate their final p plan and look at text	a teddy. They will roduct against their
Music	Unit: Let Your Spirit Fly	Unit: Glockenspiel Stage 2 Style: Learning basic instrumental skills by	Unit: Stop!	Unit: Lean On Me Style: Gospel	Unit: Blackbird Style: Rock (Beatles)	Unit: Reflect, Rewind and Replay Style: Western Classical Music

	Style: R&B, Western Classical, Musicals, Motown, Soul All the learning is focused around one song: Let Your Spirit Fly. The games, the dimensions of music (pulse, rhythm, pitch etc), singing and playing instruments are all linked.	playing tunes in varying styles The learning is focused around exploring and developing playing skills through the glockenspiel.	Style: Grime, Classical, Bhangra, Tango, Latin Fusion All the learning is focused around one song: Stop! - a rap/song about bullying. Pupils will learn about the interrelated dimensions of music through games, singing and composing.	Pupils will be encouraged to keep focused on musical learning; the integration of musical learning/practice is key.	All the learning in this unit is focused around one song: Blackbird by The Beatles - a song about civil rights.	This Unit of Work consolidates the learning that has occurred during the year. All the learning is focused on revisiting songs and musical activities, a context for the History of Music and the beginnings of the Language of Music.
PSHE	What makes a good fried Identify the qualities of a Understand that friendship lifetime Identify how to manage or positively Respecting others Explain what respect mean respect in a debate. Under Imits to having freedom of that we can disagree with respect someone Resolving conflict and respect if your conflict in the conflict in	good friend (on/ offline) ps change across our onflict in friendships ans and how to show erstand that there are of opinion and speech and an opinion but still managing pressure supports our wellbeing ild good friendships	Money choices Explain how people pay for things and why people spend or save Identify why something might be "good value" Identify different priorities that effect our spending decisions Volunteering and citizenship Describe what a good citizen is and understand how they can be a good citizen Explain what volunteering means and how they can volunteer in the community Identify how they can make a difference to the planet based on their actions Play, like, share, (1. Alfie) Recognise when something encountered online 'doesn't feel right'		Play, like, share (3.Fans) Identify different tactics someone might use to manipulate another person online Explain what to do if someone tries to pressure or manipulate them Managing feelings Explain how feelings and emotions can influence actions and behaviour and identify ways of coping with feelings in different situations Explain why it is important to talk about feelings and describe how this can feel The environment Explain what climate change is and identify different ways we can protect the environment. Explain what changes we	
	Everyday safety and bas Learn and practise how to safe Learn how to safely get h including calling 999	keep yourself and others	Identify and resist press behaviour and how this		can make at home a protect the environm	nd at school to

		(2. Magnus)	
		Give examples of content which may be	
		appropriate or inappropriate to share online	
		Explain the possible consequences of sharing	
		without consent	
		Identify appropriate people to turn to for help	
Computing	Unit 1 - Word Processing	Unit 3 - Data Collection and Analysis	Unit 5 - Digital Art/Media
	Information Text	Branching databases and creating databases	Making music on Garageband
	Producing a wiki	Presenting the Weather	Producing digital music
	Select, use and combine a variety of software	Understand computer networks including the	Select, use and combine a variety of
	(including internet services) on a range of digital	internet and the opportunities they offer for	software (including internet services) on a
	devices to design and create a range of programs,	communication and collaboration. Work with	range of digital devices to design and
	systems and content that accomplish given goals,	variables and various forms of input and output	create a range of programs, systems and
	including collecting, analysing, evaluating and	Use logical reasoning to explain how some	content that accomplish given goals,
	presenting data and information.	simple algorithms work	including collecting, analysing, evaluating
	Solve problems by decomposing them into smaller		and presenting data and information
	parts	Unit 4 - Programmable Robots	Understand computer networks including
		Espresso coding	the internet and the opportunities they
	Unit 2 - Research and Publishing	Developing a simple educational game	offer for communication and collaboration
	Use search engines to research a project and	Use sequence in programs, work with variables	
	publish	and various forms of input and output	Unit 6 – Code programming and
	Editing and writing HTML	Use sequence, selection, and repetition in	debugging
	Select, use and combine a variety of software	programs; work with variables and various forms	Outer Space – using coordinates in
	(including internet services) on a range of digital	of input and output. Use logical reasoning to	coding
	devices to design and create a range of content	explain how some simple algorithms work and to	Proto-typing an interactive toy
	and accomplish given goals including collecting,	detect and correct errors in algorithms and	Debug programs that accomplish specific
	analysing, evaluating and presenting information	programs. Select, use and combine a variety of software to design and create content that	goals. Use sequence, selection, and repetition in programs; work with variables
	Use technology safely and responsibly recognise acceptable/unacceptable behaviour; identify a	1	and various forms of input and output.
	range of ways to report concerns about content	accomplishes given goals including presenting information	Use logical reasoning to explain how
	and contact	Illioillation	some simple algorithms work and to
	and contact		detect and correct errors in algorithms
			and programs
RE	Unit L2.3	Unit L2.8	Unit L2.6
IXE	What is the Trinity and why is it important for	What does it mean to be a Hindu in Britain	For Christians, when Jesus left, what
	Christians?	today?	was the impact of Pentecost?
	Recognise what a 'Gospel' is and give an example	Identify the terms dharma, Sanatan Dharma and	Make clear links between the story of
	of the kinds of stories it contains. Describe how	Hinduism and say what they mean.	Pentecost and Christian beliefs about the
	Christians show their beliefs about God the Trinity		'kingdom of God' on Earth and give

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	in worship in different ways (in baptism and prayer,	Describe how Hindus show their faith within their	examples of what Pentecost means to
	for example) and in the way they live	families in Britain today, at home and within their	some Christians now. Describe how
		faith communities in Britain today (e.g. arti and	Christians show their beliefs about the
	Unit L2.7	bhajans at the mandir; in festivals such as Diwali)	Holy Spirit in worship.
	What do Hindus believe God is like?		
	Identify some Hindu deities and say how they help	Unit L2.5	Unit L2.11
	Hindus describe God. Make clear links between some stories (e.g. Svetaketu, Ganesh, Diwali) and	Why do Christians call the day Jesus died Good Friday?	(Curriculum Kernrwek CK4RE) How and why do Cornish people mark
	what Hindus believe about God. Offer informed	Recognise the word 'Salvation', and that	the significant events of their life?
	suggestions about what Hindu murtis express	Christians believe Jesus came to 'save' or	Identify annual festivals that are unique to
	about God and identify some different ways in	'rescue' people. Give examples of what	Cornwall and explain how they started
	which Hindu's worship.	Christians say about the importance of the	Identify some differences in how people
		events of Holy Week and describe how	celebrate community life e.g. different
		Christians show their beliefs about Jesus in	practices in local festivals and traditions
		worship in different ways.	
PE	Hockey	Swimming 2	Tennis
· -	To control the ball whilst moving and pass and	To swim 10m on the front and back using a	To play a competitive tennis game using
	receive it in a game situation.	reasonable technique and a recognised arm	the following skills: to control a tennis ball
	ŭ	recovery.	with a tennis racket, to play a forehand
	Basketball	To swim at least 10m using 3 changes of	and backhand tennis shot, be able to
	To move into space whilst dribbling a basketball	direction without touching the side or pool	serve consistently into an area and use
	and pass and receive a ball from a partner with	bottom.	some tactics in gameplay
	accuracy in game 5v5 game of basketball		3, .,
	January garage garage	Gymnastics	OAA
		To create a sequence of 6 - 8 elements using the	To complete the course using a map to
		floor and apparatus which includes both	find the controls. To work cooperatively
		symmetrical and asymmetrical elements and a	with my partner / group to complete the
		start and finish position.	challenges.
		Dance	
		To create and perform a dance individually, as a	
		pair or as part of a small group which has 3	
		sections within it. To perform movements to start	
		and finish at the same time as my friends. To	
		include unison and canon within dance.	
MFL	Revisit simple vocabulary	From Head to Toe - Eric Carle	Instruments in music used within
- —	Pupils are introduced to useful vocabulary of the	An introduction to useful vocabulary from the	Spanish music.
	days of the week, months of the year and numbers.	story 'from Head to toe – body parts and actions	Become familiar with different instruments
		– and then introduce to the story in video format.	and traditional Spanish music. To give

Christmas To revisit Christmas vocabulary from previous years learning. Learning a Christmas song in Spanish	Developing memory and practising pronunciation, to feel confident to retell the story in one of a variety of verbal ways. Old Macdonald To write one or two new versus based on animals they have encountered in the book from head to toe.	reasons why, using 'porque' (because). To be confident in using verbs of opinion 'gustar' (to like) & 'encantar' (to love). Understand the adjectives used to describe things must match the number & gender of the thing they describe.
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