

Long-term Foundation Subject Map

	Term	Key Stage 1		Lower Key Stage 2		Upper Key Stage 2		Term
		Cycle A	Cycle B	Cycle A	Cycle B	Cycle A	Cycle B	
Science	Autumn	Animals including humans - life cycle, survival needs, health	Materials - names and features of everyday materials; suitability for uses <u>Human body and our senses</u> - parts of body Plants - name common plants including deciduous & evergreen; basic structure of plants	<u>Human body</u> - nutrition, skeletons and muscles, digestion, teeth <u>Light</u> - light and dark, reflection, shadow	<u>Magnetism</u> - how magnetism acts over distance, poles & attraction/repulsion; magnetic materials; <u>Human body</u> - skeletons and muscles, + sight, + hearing	<u>Living things and their habitats</u> - classification <u>Evolution and inheritance</u> - evolution including fossils; variation, adaptation	<u>Humans and animals</u> - circulation, healthy choices, nutrition, changes Puberty and body changes	Autumn
	Spring	Seasonal changes Electrical appliances (from LKS2 PoS) <u>Materials</u> - everyday materials and their uses; changes to shape	<u>Plants</u> - seeds and bulbs, need for water, light and warmth	<u>Plants</u> - functions of parts of plant; requirements for life; water transportation; flowers in life cycle <u>Sound</u> - vibration; pitch; volume	<u>States of Matter</u> - solids, liquids & gases; heating and cooling; evaporation & condensation in water cycle <u>Rocks</u> - grouping types; formation of fossils; composition of soils	<u>Forces</u> - gravity; air & water resistance; friction; mechanisms e.g. levers, pulleys and gears <u>Earth & Space</u> - movement of Earth, planets and Moon; day and night	<u>Light</u> - traveling; sight; sources of light and reflectors of light; shadows <u>Properties & changes of materials</u> - properties including conductivity, solubility & magnetism; separating mixtures; reversible and irreversible changes	Spring
	Summer	<u>Animals including Humans</u> - classification of animals; <u>Living Things & their Habitats</u> - living/dead/never lived; simple food chains	<u>Living Things & their Habitats</u> - identify suitability plants and animals in habitats including micro-habitats	<u>Living Things & their Habitats</u> - grouping; classification keys; impact of changing environments <u>Animals including Humans</u> - food chains including producers, prey & predators	<u>Materials</u> - recap materials from KS1 - names and properties of materials <u>Light</u> - investigation into formation of shadows	<u>Electricity</u> - simple series circuits; components; conductors and insulators	Revisiting: Plants & pollination; Habitats and adaptation	Summer
Design Technology	Autumn	Moving pictures producing interactive book art	Puppet-making using cutting and joining techniques including stitching	Food Technology - healthy snacks - following recipe, measuring and preparing Book Art - including levers and sliders	Pneumatics to design and create moving Greek monsters	Food technology: African recipes	Costume design incorporating variety of textiles and sewing	Autumn
	Spring	Battery safety			Food Technology - bread-baking	Apply understanding of forces to engineering challenges from early	Full Design Project - designing a light-signalling system	Spring

		Full Design Project: Moving vehicle				civilizations: making and testing levers, winding mechanisms and pulleys		
	Summer	Food Technology - preparing fruit and vegetables	Design for environmental land-art piece. Construction techniques to create.		Full Design Project - money containers using recycled materials	Electronics - creating circuits for a design purpose		Summer

Computing curriculum follows the iCompute scheme. Online safety runs alongside every unit.

Computing	Autumn	iAlgorithm iProgram (Unit 1)	iModel iProgram 2	iProgram iSimulate	iConnect Online Privacy iData	iProgram iCrypto	iProgram iApp	Autumn
	Spring	iWrite iAnimate	iData iPub	iAnimate iData Online Abuse	iNetwork iProgram	iWeb iApp	iNetwork iProgram	Spring
	Summer	iBlog iDoMail	iProgram (Unit 2) iSearch	iDoMail iAlgorithm	iPodcast iProgram	iProgram iModel	iData iModel	Summer

Geography	Autumn	Local area - mapping skills, fieldwork and observation; land use change over time; using different types of map to identify key features and navigate through local area	Countries of the UK and their capital cities	World Geography - compass, grid reference; location of countries Comparing tropical and temperate climates Map skills: counties and cities in UK, features and characteristics; Liverpool land use change over time	Comparison of Liverpool to Athens: geographical similarities and differences; digital mapping to compare human and geographical features	Applying knowledge of World Geography to mapping Transatlantic Slave Trade - features of globe/atlas; time zones; world climates; compass and grid references	*Study of Volcanoes and earthquakes - locate volcanoes and fault lines in relation to World Geography*	Autumn
	Spring	Weather patterns; hot & cold areas of the world	World Geography - continents, oceans, countries of the UK, compass points	Digital mapping of invasion routes; location of Nordic/Germanic countries, land fertility and wealth	Study of Water - water cycle; major world rivers - tracking on map and comparing; role of Mersey in development of Liverpool	Study of Globalization through communications technology - focus on North and South America; digital mapping to identify remote regions; developing and developed countries	European Geography - locating countries, mapping routes during WWII for refugees. Locating and mapping journeys for refugees from conflicts today.	Spring
	Summer	Comparison study - local area and Amazon Rainforest	Environmental study - Ocean habitats and pollution; currents Presenting World Geography knowledge	Environmental Study - deforestation - locate habitats under threat around the world, focusing on rainforests	Environmental Study - plastic pollution; developing and developed countries	Environmental Study - impact of climate change on world's ecosystems - focus on polar regions	Environmental Study - sustainable developments under development today; Earthshot prize	Summer

RE	Autumn	Who is Christian and what do they believe? What makes some places sacred? Church and chapel How and why do we celebrate special and sacred times	Who is Christian and what do they believe? What makes some places sacred? Cathedrals How and why do we celebrate special and sacred times?	Life's journey of significant events. Different religious communities in Liverpool - similarities and differences in beliefs about God	Being Christian in modern Britain	Being a Muslim in Britain today: beliefs and practices, community	Compare several religions and what they say to us when life gets hard.	Autumn
	Spring	How should we care for others and the world and why does it matter? Who is Jewish and what do they believe? What makes some places sacred? Synagogue	Who is Muslim and what do they believe? What makes some places sacred? Mosque What does it mean to belong to a faith community? Christian and Muslim	What is prayer? Identify a further community to consider what they believe about God. Easter Refugees and religious festivals?	Water in different religious ceremonies Being Hindu in modern Britain Why do people pray?	What matters most to Christians and Humanists? What matters most to us? Are we influenced by religious learning? Do religions require us to behave in certain ways? Compare the demands of different religions.	Places of worship. Do acts of worship need a special place? How is religion expressed in art and architecture? How is it expressed in actions? Which is better?	Spring
	Summer	What does it mean to belong to a faith community? Christian and Jewish What can we learn from sacred books? Bible and Tanakh	How should we care for others and the world and why does it matter? What can we learn from sacred books? Bible and Quran	Jesus' teachings and actions and their significance to people today Look at more examples of religious festivals and their importance.	Why is the Bible significant to people today?	Why some people believe God exists	Recall the values Jesus taught. P4C - to what extent can we live by the values Jesus taught?	Summer
PSHE	Autumn	Healthy families; growing up, adults & children, friendship; community support Resilience, change, asking for help	Fairness, similarity & difference; Stereotypes, especially gender Bereavement, loss and change	Healthy eating and hygiene, including medicines; dental health; ethical trade (e.g. Fairtrade) What do we value most?	Privacy, boundaries and consent (including online) Inclusive friendships; Stereotypes, especially disability	Stereotypes, especially racism; supporting our friends; Seeking support for others (especially with mental health); mental health and wellbeing	Stable, caring relationships; choices; marriage & civil partnership Drugs, alcohol & tobacco; immunisation & vaccination Prejudice and discrimination, including sexual orientation; body image	Autumn
	Spring	Keeping safe, including sun safety and medicines; household budgeting Emotional literacy	Keeping healthy Basic human rights and inequality Budgeting - wants & needs	Belonging and identity, including refugees; managing conflict Stereotypes, especially religion and culture;	Inequality (of power and wealth); money currencies; standing up for the rights of self and others; International aid charities	Politics and democracy; safeguarding priorities; financial income and deductions Online safety, behaviours and responsibility	Positivity and resilience; resolving differences Social issues; mental health and wellbeing; seeking support	Spring

	Summer	Recognising that our lives are different from others'	Personal responsibility	Small actions for change Budgeting, saving, loans & mortgages	Improving the world; choices; spending money	Campaigns and campaigners; personal opinions; ethical financial decision-making	Entrepreneurship; keeping financial records; helping local and wider communities	Summer
		Y5: Puberty, physical & emotional changes Y6: Sex education						
History	Autumn	Local area history - changes within living memory; ordering events; historical sources	Comparative study of two monarchs: Elizabeth I and Elizabeth II - development of gender expectations; historical sources	Cultural history of Liverpool - finding evidence around us; historical sources; timeline of key developments; regeneration; communities	Study of Ancient Greek life and achievements and their influence on the world today - what inventions, philosophy, culture, developments and social structures still influence modern life?	Study of the history of Racism - Kingdom of Benin, imperialism and British Empire; Slave Trade; abolition; American Civil Rights movement to inform understanding of racism debates today	Study of Shakespeare - historical context for study of Romeo and Juliet followed by exploration of themes in play that are still relevant now	Autumn
	Spring	Study of transport over time - significant developments and their impacts on society	Study of exploration over time - comparison of two expeditions to south pole - Scott in 1912 and Aston in 2012	Study of the theme of invaders and settlers - comparison of motivations and impacts including: Celt, Roman, Viking and Norman	Study of the Bronze Age - context of pre-history; importance of archaeology in constructing our knowledge; impact of new technology on society	Comparative study of early civilizations to inform debate, "Is there any such thing as an ideal society?" Identify key elements of society to compare	Study of the Holocaust focusing on individual heroism: Irena Sendler; explore the themes of segregation, prejudice and conflict	Spring
	Summer	<i>History themes are returned to during Summer 2 – exploring relevance to current affairs</i>						Summer
Art	Autumn	Study of art in the community - Lucy Casson at Alder Hey - abstract animal sculptures Art as therapy - colour wheel e.g. warm/cool colours; textile art	Portraiture study linked to history - what can pictures tell us? Fantasy landscapes - how can art make us feel? Collage art	Sketching techniques: character sketches of Quentin Blake Liverpool inspired art - how have artists been inspired by the theme of light inc. stained glass	Grecian art: style, design and technique A study of art and disability - how has disability been portrayed? Study of contemporary disabled artists.	West African art - traditional art and modern interpretations Graphic art and digital media - how have artists conveyed positive messages through their work?	Costume design, textiles - artists working in theatre/fashion A study of body image in art through the ages	Autumn

	Spring	Printing techniques, creating block prints and overlays to produce seasonal trees Colour mixing, including white and black	Digital art, creating graphic portraits with images and words Observational art of plants, capturing details	Geometric patterns in art, including Celtic, Viking and Islamic How can Human Rights be portrayed through art?	The theme of water in art - how have artists used different media to capture water? Print-making using natural objects	A study of art inspired by science, including installation art. Create own art on theme of Space	The art of propaganda - how have powerful images been used to share messages? How do artists engage with social issues? Create own work with a social message.	Spring
	Summer	Study of art on jungle/landscape themes - how have artists portrayed these?	Study of art in the environment; creation of own land art in Forest School	Study of art that uses unusual and recycled objects	Art techniques linked to DT design project	Study of art capturing natural habitats, how have painters portrayed the natural environment?	Study of history of sculpture inspired by natural forms	Summer

Music Curriculum follows CHARANGA music scheme so progression through years doesn't follow the Cycle A/Cycle B pattern

Music	Autumn	Old School Hip-Hop Reggae	Afropop/South African Rap songs	RnB Glockenspiel	Pop Glockenspiel	Rock Anthems Jazz & Improvisation	Pop/Neo Soul Bacharach & Blues	Autumn
	Spring	Styles of music Bossa Nova	Rock Reggae	Reggae Songs that tell a story	Grime Gospel	Pop Ballads Old School Hip-Hop	Classical/Urban Gospel 70s Ballad/Pop	Spring
	Summer	Pop Classical	Pop Classical	Disco Classical	The Beatles/Pop Classical	Motown Classical	Music and Me Classical	Summer