

YEAR 5	TERM	AUTUMN	SPRING	SUMMER
	Topic	Learning from the past to create the future. Children learn about the key events of the industrial revolution in Britain. They consider the positive and negative impact of the British Empire and how this led to the formation of the modern-day Commonwealth. They also learn about the space race between the USA and the USSR.	The Alchemy of Water/The ordinary is extraordinary. Children learn about the physical and human geography of rivers. They look at the impact that climate change has on the environment by studying the causes and effects of flooding.	A Golden Age/Igniting the World. Children learn about the Golden Age of Islam and early Islamic civilisation. They explore the physical and human geography of modern-day Spain and respond through sculpture to Gaudi mosaics.
	Themes	Invention and innovation Identity and community Interdependence	Adaptability, cycles, interdependence, sustainability, harmony and equality	Citizenship, creativity, discovery, transformation, invention, innovation and phenomenon
	Visits/Additional events	Black Country Museum STEM day at Warwick University Local: The library and allotment	Coombe Abbey Park River Field Study SafeSide – Keeping Safe Local: The library and allotment	Rough Close residential visit, including OAA activities. Local: The library and allotment
	Geography	Pupils will review learning about continents, oceans, seas and hemispheres. Children will learn where Coventry is in relation to other cities in the UK. Children will learn and locate the key industrial cities in the UK on a map. Children will find out what the commonwealth is and why are we a part of it.	Children will be using a range of geographical skills to look at the physical and human geography of rivers. They will learn key vocabulary related to river formation. Children will visit a local river and carry out fieldwork. They will use and apply what they already know to deepen and embed knowledge on how rivers change	Children will explore the country of Spain with a focus on comparison with the UK. Children will use different maps to identify and compare geographical features such as mountains, rivers and islands, and also study human geography by learning about the city of Barcelona.

			over time, influence of weather patterns and humans on them.	
	History	Children will be learning about the impact of significant inventions on Coventry, Britain and the wider world. The children will focus on the causes and effects of the Industrial Revolution, looking at the role of our local area during this period of rapid change. Children know what the commonwealth is and that it evolved through collaboration of countries that were part of the British Empire. Children will then investigate the key events, inventions and significant figures of the Space Race between the USA and the USSR.		Children will be discovering how the golden age of Islamic civilisation influenced the world with its science and creativity, and children will be using historical evidence to understand the transformation that happened at this time.
	Art	Children will learn about the life, artistic style and inspirations of the industrial artist, Lowry, before drawing and painting in his style. Children will learn detailed techniques for using perspective in their work.	This term the focus for developing subject knowledge will be on learning from artists who have been inspired by the natural world to use lines and colour in different ways. Children learn about Matisse's use of monochromatic and complementary colours in preparation for creating their own Matisse inspired painting.	Children will learn about the life, inspirations and work of the artist and architect, Gaudi before creating their own unique creations inspired by his famous mosaic works.
	Design and Technology	Children will design, make and evaluate a felt Christmas decoration. They will practice different types of stitches and	Children will be building rafts which incorporate levers and pulleys. Food Technology	Children will design and build an electric powered controllable vehicle. They will measure, cut and join wood to make the chassis;

		choose the most appropriate ones to decorate and join their ornament. They will learn how to code using TurtleStitch to create patterns to input into an embroidery machine.	Children will create a recipe and then bake bread learning about links to the science topic of changing states.	construct an electrical circuit to power the 3.0v electric motor; and make a switch enabling the vehicle to move forwards and backwards.
	Science	Forces Children will learn how forces affect everything around us. They will investigate the effects of friction, air, and water resistance and will also explore ways in which levers, gears and pulleys work to aid movement. They will learn how Galileo Galilei and Isaac Newton helped develop the theory of gravity and the effects of this force. Earth and Space The children will learn about the movement of the Earth and other planets, relative to the Sun in the Solar System. They will use this knowledge to explain concepts such as seasons, day and night and the phases of the moon.	Materials Children will study the properties of materials, and how their properties affect their use. They will carry out investigations to learn about the difference between reversible and irreversible changes. They will investigate solubility and carry out experiments using sieving and filtering	Living things Children will identify and compare the seven life processes of all living things. They will describe the differences in the life cycles of mammals, amphibians, insects, reptiles and birds. They will learn about the life process of reproduction in some plants and animals. Animals including humans Children will learn about the changes as humans develop to old age. They will learn about animal reproduction comparing the gestation periods of mammals.
	Music	Bon Jovi – Livin’ on a Prayer. Style – classic rock Children will learn about the pulse, rhythm, pitch of the song, as well as learning to sing, play, improvise and	The Fresh Prince of Bell- Air. Style – rap Children will learn how to sing the song focusing on breath control and annunciation. They will also learn	Charanga – Dancing in the street. Style – Motown Children will learn about the history of Motown music and listen and appraise other music of this genre. They will also learn to sing, play,

		compose. They will also listen and appraise other classic rock songs.	how to play, improvise and compose with this song. Make you feel my love. Style – Pop Ballard Children will learn how the 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 Pop Ballads.	improvise and compose with this song.
	Computing	Computer Systems and Networks – sharing Information: Children develop their understanding of computer systems and how information is transferred between systems and devices. They will discover how information is found on the World Wide Web and how search engines work. Programming – Selection in quizzes: Children construct programs using the Scratch programming environment. They learn how to write programs that ask questions and use selection to control the outcomes based on the answers given.	Creating Media – Video Production: Children learn how to create short videos by working in pairs or groups. They will develop the skills of capturing, editing, and manipulating video.	Programming – Selection in physical computing: In this unit, the children learn about physical computing by using the Micro-bit programming environment. Creating Media – Vector Drawing: In this unit, the children learn how to use different drawing tools to help them create vector drawings.

	MFL	La fonética Children will learn a selection of the key phonemes to facilitate accurate and authentic pronunciation as part of their language learning experience. La fecha Children will learn how to say and write the days of the week; months of the year and numbers 1-31 so that they can say when their birthday is.	Tienes una mascota? Children will learn how to describe, both orally and in written form, the words for common pets. They will move from 1st person singular to 3rd person singular verb usage, so they are able to say what the pet is called and use conjunctions more confidently. La ropa Children will learn how to say common items of clothing. They will learn the grammar required to describe what they are wearing.	Mi casa Children will learn how to describe, both orally and in written form, where they live and the words for rooms in their homes.
	Worldviews and RE	Who is Jesus? Children will learn about Jesus as a historical figure of Jewish and Arabic ethnicity. Children will explore and interpret Bible passages to find out about how Jesus was viewed differently by people living at the time. Some praised him as the Messiah whilst others did not like what he was saying or doing. Children will also examine the importance of the resurrection to Christians before learning about what other worldviews have to say about who Jesus was.	What might it mean to 'live well'? Children will explore that what it means to live well can and will be interpreted differently and that people will draw upon knowledge, values and ethics when deciding what 'living well' means for them. Children will engage in debate and discuss ideas from organised worldviews in relation to important modern issues. We will hear what philosophers from the past said about 'living well' and discuss if this influences people's views on this today.	Do religions change or do they stay the same? Children will investigate diversity of belief and practice within different religions. They will learn how some religions have been influenced and changed by historical events and shifting culture. For example, they will consider the impact of the renaissance on Christianity and shifts in thinking about Islamic dress. Children will also research the rise of people who do not follow a religion and the growth of the Humanist population.

	PE – indoor	Gymnastics: Children learn how to perform a round off; compose sequences of symmetrical and asymmetrical shapes, balances and travels; and perform counterbalances with a partner.	Dance: Children will learn how to perform different styles of dance fluently and clearly. They will refine and improve dances adapting them to include the use of space, rhythm and expression.	Fitness: Children will learn how to keep moving even when tired, to challenge themselves to improve scores, and understand how to target specific muscle groups when exercising. They will also learn what AMRAP stands for and participate in it.	Gymnastics: Children learn how to perform an over-the-shoulder roll, a handstand, a double cartwheel, and transition into a bridge.	Dance: Children will learn how to create interesting and varied dance actions using different levels and jump actions to bring power and energy to dances. They will work with others to improve movement quality and performance.	Foundations: Children will replicate stability, flexibility, balance, and coordination activities. They will learn techniques to develop lower and upper body stability and core strength.
	PE – outdoor	Handball: Children will learn a range of defensive and attacking strategies. They will learn how to move, shoot and pass the ball accurately and apply a range of techniques and tactics to game situations.	OAA: Children will explore ways of communicating in a range of challenging activities. They will also learn how to develop and use trust to complete tasks and perform under pressure.	Football: Children will learn to select and combine a range of more complex football skills and apply these in game situations.	Hockey: Children will learn how to combine basic hockey skills such as dribbling and push passing. They will learn how to play in different positions, concentrating on increasing the power and	Tennis: Children will be introduced to volley and overhead shots and apply these in game situations. They will play with others in competitive games and explore tennis service rules.	Athletics: Children will learn how to sustain pace over shorter and longer distances; run as part of a relay team; and perform a range of jumps and throws.

					strength of their passes.		
	PSHE	Health and Well-Being What makes up our identity? In this unit pupils will learn: -how to recognise and respect similarities and differences between people, that there are a range of factors that contribute to a person’s identity, how individuality and personal qualities make up someone’s identity, about stereotypes and how to challenge stereotypes and assumptions about others. Living in the Wider World – Finance Education What decisions can people make with money? In this unit children will learn: -how people make decisions about spending and saving money, how to keep track of money, how people make choices about ways of paying for things they want and need, how to recognise what makes something ‘value for money’, that there are risks associated with money.	Health and Well-Being How can we help in an accident or emergency? In this unit children will learn: -how to carry out basic first aid including for burns, scalds, cuts, bleeds, choking, asthma attacks or allergic reactions, that if someone has experienced a head injury, they should not be moved, when it is appropriate to use first aid and the importance of seeking adult help the importance of remaining calm in an emergency and providing clear information about what has happened to an adult or the emergency services. Relationships How can friends communicate safely? In this unit children will learn: -about the different types of relationships people have in their lives, how friends and family communicate together, how knowing someone online differs from knowing someone face-to-face, how to recognise risk in relation to friendships and keeping safe, about the types of content (including images) that is safe to share online, how to respond if a friendship is making them feel worried, unsafe or uncomfortable.	Health and Well-Being How can drugs common to everyday life affect health? In this unit children will learn: -how drugs common to everyday life can affect health and wellbeing, that some drugs are legal and other drugs are illegal, how laws surrounding the use of drugs exist to protect them and others , why people choose to use or not use different drugs, how people can prevent or reduce the risks associated with them, how organisations help people to stop smoking and the support available to help people if they have concerns about any drug use. Living in the Wider World What jobs would we like? In this unit children will learn: -that there is a broad range of different jobs and people often have more than one during their careers and over their lifetime, that some jobs are paid more than others and some may be voluntary, about the skills, attributes, qualifications and training needed for different jobs, that there are different ways into jobs and careers, including college, apprenticeships and university, how people choose a career/job and what influences their decision, how to question and challenge stereotypes			

				about the types of jobs people can do and how they might choose a career/job for themselves when they are older, why they would choose it and what might influence their decisions. RSE: Children will be learning about puberty and relationships.
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