

Year 1	Autumn		Spring		Summer	
Science	Animals including humans – Senses Children will learn to identify, name, label basic parts of the human body and say which part of the body is associated with each sense.	Animals including humans - animals	Materials Children can describe what materials are and give examples.	Material Children will distinguish between the object and its materials whilst describing their properties.	Seasons and Plants Children will be able to observe, comment on, and name all four seasons.	Plants Children will name common plants and the parts that make these a plant.
Geography & History	British Life and Culture Unit: British Homes and Schools in the past (History)	Our School: developing locational knowledge and using field work (Geography)	International Studies – France: making comparisons between the UK and France. (Geography)	Toys from the past - how do the toys we have today compare to the past? (History)	Significant Events from the past – the Titanic and the arrival of Windrush (History)	Let's Go on Holiday – comparing a seaside town to their home town to recognise differences (Geography)
Computing	Exploring computers - typing and basic computer skills	Digital Painting – mouse skills and designing	Maze Explorers – directing and reprogramming	Coding – design and make a computer program	Animated story books – create a story using animations, text and sounds	Word Instruction writing – Microsoft word skills and typing
PSHE	Respecting ourselves and others Families and friendships Safe relationships		Belonging to a community Media literacy and digital resilience Money and work		Physical health and mental wellbeing Growing and changing Keeping safe	
RE	Who is a Christian and what do they believe? Similarities and differences between Islam and Judaism.	How do we care for others and why does it matter? Benefits of friendship, kindness and was in which we can care for others	How do we celebrate special and sacred times? Exploring festivals	What makes some places sacred? (Christianity) Exploring how some special places can be sacred and why.	What makes some places sacred? (Jewish and Muslim) To continue discussion about the importance of sacred places for other religions.	What does it mean to belong to a faith community? What it means to be a Christian in Britain today – belonging to a community similarities or differences with other faith communities?
ART & DT	Free Standing Structures (Windmills) Making a working windmill based on a song (DT)	Exploring Colour (Painting) (ART)	Mechanisms (Moving Story Books) Explore slider mechanisms and the movement they output (DT)	Wonderful Weaves – paper weaving (Weaving – use of loom) * (ART)	Natural and Urban Surroundings (Drawing) (ART)	Fruit and Vegetables (Smoothies) Design a fruit and vegetable smoothie and packaging (DT)
Music	Introducing Beat – Learning how the beat creates community.	Adding Rhythm and pitch – Connecting music with history Christmas productions	Introducing Tempo & Dynamics – exploring how music improves world views	Combining pulse, rhythm and pitch – Discovering how music teaches us about others	Having fun with improvisation - Looking at how music can affect our mood	Explore sound and create a story – exploring musical connections and the environment.
PE	Large ball skills and games Unit 1 Gymnastics - Fight, bouncing, jumping & landing Unit D	Throwing & catching. Aiming games Unit 2 Gymnastics Points & Patches Unit E	Bat and ball skills Skipping games Unit 3 Dance Unit 1 16-18	Developing partner work Unit 4 Gymnastics Rocking & Rolling Unit F	Athletics Unit 1 & 2 Wide, Narrowed & Curled Unit G	OAA Dance Unit 2 19-20

Year 2	Autumn		Spring		Summer	
Science	Materials To identify and name a range of materials and suggest why they may be used.	Materials To explore how shapes can be changed depending on their properties.	Growing up/taking care Life cycles of animals and humans and to describe the importance of diet and hygiene.	Living Things and Habitats To identify living and dead and describe how a habitat provides for an animal.	Living Things and Habitats To explain a simple food chain.	Plants Children will be able to describe how seeds and bulbs grow and what they need to grow and live.
Geography & History	British Life and Culture: The Monarchy (History)	International Studies -Brazil: comparing physical and human features of a non-European country (Geography)	Significant events from the past: The Great Fire of London (History)	Where we live – planning and carrying out fieldwork (Geography)	Significant figures from the past and their impact: Florence Nightingale and Neil Armstrong (History)	Weather experts – exploring weather patterns and the effects of the Equator and Polar regions/extreme weather (Geography)
Computing	Online Safety – create a word document about staying safe online	Making Music – create a tune using sounds and sequencing	Coding – using basic algorithms	Questioning – binary trees to answer yes/no questions	Scratch Jnr – using algorithms, changing backgrounds, changing sprites.	Presenting ideas: PowerPoint – create a multi-slide PowerPoint including text and images
PSHE	Respecting ourselves and others Families and friendships Safe relationships		Belonging to a community Media literacy and digital resilience Money and work		Physical health and mental wellbeing Growing and changing Keeping safe	
RE	Who is a Muslim and what do they believe? Beliefs/festivals. Making links with other faiths (Judaism/Christianity)	Who is Jewish and what do they believe? Beliefs/Festivals. Making links with Islam/Christianity	What can we learn from sacred books? Which stories are special and why? Stories from the Bible. Religious celebrations (Easter)	How and why do we celebrate special and sacred times? Why are festivals important? Religious and non-religious celebrations	How should we care for others and the world and why does it matter? Exploring how religion helps people to be good. Does it make a difference?	
ART & DT	Puppets Learning how to sew a running stitch. (DT)	Developing Patterns (Printing) (ART)	Making Monsters – KAPOW – links and pivots (DT)	Exploring Media Creative Collage (ART)	Expressionism (Painting) (ART)	Pizzas Explore a variety of food groups (DT)
Music	Exploring Simple Patterns – Using music to help us make friends.	Focus on dynamics and tempo – Learning how music teaches us about the past	Exploring feelings through music – learning how music makes the world a better place.	Inventing a musical story – Learning about how music can teach us about our neighbourhood.	Music that makes you dance – looking at how music shapes our way of life	Exploring improvisation – looking at how music connects us with our environment
PE	Throwing and catching. Inventing individual games Unit 1 Gymnastics High parts, low parts Unit H	Making up games with a partner. Aiming and Hitting Unit 2 Pathways, straight Zig-zag, Curving Unit I	Dribbling, kicking and hitting Unit 3 Dance Unit 1 26-28	Group games and inventing rules Unit 4 Spinning, Twisting, Turning Unit J	Athletics Gymnastics Linking Movements together Unit K	OAA Dance Unit 2 29-31

Year 3	Autumn		Spring		Summer	
Science	Animals including Humans To describe the skeleton, muscles and their purpose.	Forces and Magnets To explain and describe how magnets work.	Rocks and Soil To compare and group rocks based on their properties.	Rocks and Soil To describe how soil is made and how fossils are formed.	Plants To describe the function of different parts of flowering parts and their life cycle.	Light To understand and describe what light is and how shadows are formed.
Geography & History	British Life and Culture – Landmarks: The Tower of London (History)	International Studies – Kenya: understanding how the landscape is shaped by physical features (Geography)	Volcanoes – learning the significance of the tectonic plates and boundaries (Geography)	Stone Age to Iron Age: How did life change? (History)	Our Local Area: map work using keys, legends and labels (Geography)	Ancient Egypt: how did their life compare to ours? (History)
Computing	Online Safety – passwords, blogging, is everything online true? Spoof websites Connecting computers – understand how computers work	Touch typing / Email – keyboard skills / sending and receiving emails	Microsoft word – topic based using skills of fonts, word art and images	PowerPoint – topic based using animations, online pictures and hyperlinks	Branching Databases – creating branching data base with yes/no questions	Excel graphs and charts – inputting data and creating graphs
PSHE	Respecting ourselves and others Families and friendships Safe relationships		Belonging to a community Media literacy and digital resilience Money and work		Physical health and mental wellbeing Growing and changing Keeping safe	
RE	What do different people think about God? Who is Christian/Muslim/Jewish and what do they believe?	Why are festivals important to different communities? Focus on Christmas, Diwali and Harvest Festival. Similarities and differences of celebrations in different religions	Why do people pray? Sacred places and their impact on communities	Why is the bible important to Christians today? What can be learnt from sacred texts?	What does it mean to be a Christian in Britain today? What is good and what is challenging about being a young believer in Britain today?	
ART & DT	Eating Seasonally Learning about different fruits and vegetables and why they are grown in different seasons (DT)	Layered prints and portraits (Printing) (ART)	Mechanical Systems (Pneumatic Toys) Explore pneumatic systems (DT)	Prehistoric (Stone Age) Art (Sketching and Painting) (ART)	Textiles (Cushions) Learn new sewing techniques – cross stitch and applique. (DT)	Developing Direct Observation (Drawing) (ART)
Music	Developing notation skills – learning about how music brings us closer together	Enjoying improvisation – how musical stories tell us about our past	Composing using your imagination - How does music make our world a better place?	Sharing musical experiences - Looking at how music helps us to get to know our community.	Learning more about musical styles - how music shape our way of life	Recognising different sounds - How does music connect us to environment?
MFL	I'm learning French Introduction, numbers, colours	Animals Naming animals	Musical instruments Naming instruments	Fruits Naming fruit, showing preferences	I can/am able to French verbs	Seasons Seasons vocab, preferences
PE	Ball skills passing & receiving Unit 1 Stretching & curling Unit L	Creative games making Unit 2 Gymnastics Symmetry & Asymmetry Unit M	Net and wall games Unit 3 Dance Unit 1 1-2	Striking and Fielding Unit 4 Gymnastics Pathways Unit N	Athletics Travelling with change of front and direction Unit O	OAA Dance Unit 4 6-7

Year 4	Autumn		Spring		Summer	
Science	Electricity To construct a circuit and identify its components.	Sound Children to describe how sound is made and how it travels to our ears.	States of Matter To describe the states of matter and explore how materials change state.	States of Matter To be able to describe the Water Cycle.	Animals including humans To identify and name the parts of the human digestive systems and its functions.	Animals including Humans: Human Impact To identify and describe the different types of teeth in humans
Geography & History	British Life and Culture – Windrush (History)	International Studies – Spain: comparing climate in Spain and the UK using a variety of data (Geography)	The Greeks: How have they influenced our world today? (History)	Global Trade: Tilbury and Grays role in a local, national and international level (Geography)	The Anglo Saxons: Saxon life and key people (History)	Our World – Times zones, longitude, latitude, The Tropics, Prime Meridian, Polar Regions and the comparison to the UK.
Computing	Online Safety – phishing, plagiarism and screentime How does the internet work?	Micro Bit – IF statements, co-ordinates, repeat until and variables	Making music – creating a melody and song	Excel Spreadsheets – create complex and comparative graphs and data	Animation – introducing stop motion	Logo - Develop ability to compose algorithms for drawing mathematical structures and turn these into Logo code.
PSHE	Respecting ourselves and others Families and friendships Safe relationships		Belonging to a community Media literacy and digital resilience Money and work		Physical health and mental wellbeing Growing and changing Keeping safe	
RE	Why is Jesus inspiring to some people? What can we learn from Jesus' values in Britain today?	How do family life and festivals show what matters to Jewish people?	What does it mean to be a Hindu in Britain today? Explore the Hindu beliefs and teachings. Similarities and differences between Hindu Dharma and other religions	Spring 2 and Summer 1 - Why do some people think that life is a journey? What significant experiences mark this? What does religion say when life gets hard? Explore rites of passage e.g. marriage	Summer 2 - What can we learn from religions about deciding what is right and Wrong? Does religion help people to be good? Why should we show care and kindness to others?	
ART & DT	Adapting a Recipe (Biscuits) Adapt biscuit recipes (ingredients & cost) (DT)	Artists & Styles Creating artwork using an artist style – Sketching (ART)	Fastenings (Textiles) Analyse and evaluate a range of existing fastenings. (DT)	Making Masks Modroc Totem pole masks (ART)	Pavilions Explore and create stable pavilion (DT)	The Great Outdoors (Drawing/painting) (ART)
Music	Interesting Time Signatures: How does music bring us together?	Combining Elements to Make Music: How does music connect with our past?	Developing Pulse & Groove Through Improvisation: How does music improve our world?	Creating Simple Melodies Together: How does music teach us about our community?	Connecting Notes and Feelings: How does music shape our way of life?	Purpose, Identity and Expression in Music: How does music connect us with the environment
MFL	Presenting myself Numbers, feelings, where you live	Little Red Riding Hood Body parts	Ice creams Flavours of ice cream, ordering ice cream	Family Describe family, possessive adjectives, 1 st person singular to 3 rd person singular	Goldilocks Character description, retelling a familiar story	Habitats Habitats of animals and plants
PE	Invasion Games Unit 3 Gymnastics Balance Unit P	Problem solving and inventing games (Invasion) Unit 2 Balance leading into change and front of direction Unit R	Net & Wall games Unit 1 Dance Unit 1 8-10	Striking / Fielding games Unit 4 Gymnastics Rolling Unit S	Athletics using Val Sabin SoW Receiving body weight in different directions Unit Q	OAA Dance Unit 4

Year 5	Autumn		Spring		Summer	
Science	Earth and Space To identify and explain the movement of the Earth and other planets.	Properties and Changes of Materials To compare and group materials based on their properties.	Properties and Changes of Materials To demonstrate that some changes are/are not reversible.	Plant Lifecycles To describe the life cycle of different living things.	Animal Lifecycles To understand the growth stages of humans.	Forces To be able to explain what Gravity, air resistance, water resistance and friction is.
Geography & History	British Life and Culture Unit: The British Royal Family. Has the Monarch always had the same powers? (History)	International Studies – America: linking the biomes and climates of the USA (Geography)	The Romans: How did the Roman invasions change British landscape? (History)	Climate control – exploring the human and natural consequences on climate change (Geography)	The Vikings: impact of invasions and impact on Britain (History)	Rivers -develop an understanding of the water cycle (Geography)
Computing	Online Safety – responsibilities, privacy, citing sources and reliability Sharing information online – how is information shared amongst computers	Game Creator – design a game quest	Coding – decomposition, abstraction, friction and variables	Microsoft Word – presenting data in tables and investigating the layout	Microsoft Sway	Physical Computing (crumble) - understand how computers work
PSHE	Respecting ourselves and others Families and friendships Safe relationships		Belonging to a community Media literacy and digital resilience Money and work		Physical health and mental wellbeing Growing and changing Keeping safe	
RE	Why do some people believe God exists? What do people believe about God? Do we need to prove the existence of God?	If God is everywhere, why go to a place of worship? Features of places of worship. How do sacred places support believers?	What would Jesus do? Values of Jesus in today's society. Are they still important today?	Green Religion? What do religious and non-religious world views teach about caring for the Earth? How should we care for our Earth? Why does it matter? Research activists.	What does it mean to be a Muslim in Britain today? Pillars of Islam	
ART & DT	Electrical Greeting Cards Explore how circuits can be adapted to suit different purposes. Recreate a circuit. (DT)	Surrealism Clocks (Painting) (ART)	Bridges Test and analyse various types of bridges. Explore different materials to assemble a truss bridge. (DT)	Flower Power (Drawing) (ART)	What could be healthier? Bolognese Compare the nutritional value of existing sauces and develop a healthier recipe. (DT)	Birds/feathers (Printing/collage) (ART)
Music	Getting Started with Music Tech: How does music bring us together?	Emotions & Musical Styles: How does music connect us with our past?	Exploring Key & Time Signatures: How does music improve our world?	Introducing Chords: How does music teach us about our community?	Words, Meaning and Expression: How does music shape our way of life?	Identifying Important Musical Elements: How does music connect us with the environment?
MFL	Classroom Articles and determiners, classroom objects	My home Describe home	Do you have a pet? Pet vocabulary, use conjunctions	What is the date? Dates, birthday, days of the week, months, numbers	The weather Weather vocabulary, ask what the weather is like	Clothes Describe clothes, use possessives
PE	Invasion & Target Unit 2 Gymnastics Flight Unit U	Invasion Games implement & kicking Unit 3 Functional use of the limbs Unit V	Net/wall Games Unit 1 Dance Unit 4 Dances 21 -22	Striking / Fielding games Unit 4 Gymnastics Turning & Spinning Unit W	Athletics using Val Sabin Sow Unit 1 & 2 Gymnastics Bridges Unit T	OAA Dance Unit 1 Dance 16

Year 6	Autumn		Spring		Summer	
Science	Circulatory system To identify and name the parts of the circulatory system and describe its function within the body.	Electricity To draw a circuit diagram using the correct symbols.	Light To explain and demonstrate how we see objects and the way light travels.	Evolution and inheritance Explain how animals and plants adapt to their environment and how this changes over time.	Living things and habitats To describe how living things have been classified and to practice classification myself.	Animals including Humans: Body health To know the impact of diet, exercise, drugs and lifestyle on our health.
Geography & History	British life and culture: The Tudors. Political and religious impact on Britain (History)	International Studies – Mexico: exploring the natural resources and the impact of tourism (Geography)	The Victorians: comparison of life for children then and now. (History)	Antarctica: the importance of the Polar regions in the effect of global warming (Geography)	British Life and Culture Unit: World War II. Impact on life in Britain (History)	Planning a Village: effects on the human and physical geography on Tilbury after building the Lower Thames Crossing (Geography)
Comp uting	Online Safety – message in a game, screen time and online behaviour	Coding – debugging a program, making a text-based adventure game	Blogging – planning, writing and sharing a blog	Quizzing – make a quiz	Spreadsheets and budgeting – based on enterprise week	PowerPoint – create a PowerPoint about the school journey
PSHE	Respecting ourselves and others Families and friendships Safe relationships		Belonging to a community Media literacy and digital resilience Money and work		Physical health and mental wellbeing Growing and changing Keeping safe	
RE	What matters most to Christians and Humanists? Moral concepts, fairness, honesty. Values found in religious texts	What do religions say to us when life gets hard? Exploring rites of passage e.g. death, memorials, marriage etc.	What difference does it make to believe in ahimsa (harmlessness), grace and ummah (community)? Meaning of these words . Making comparisons between three religions. Why should we care for others?		Is it better to express your religion in arts and architecture or charity and generosity? Arts Vs Charity? What are the benefits? Make comparisons.	What can be done to reduce racism? What can we learn from religious and non-religious worldviews? Discuss ideas about prejudices, overcoming stereotypes and challenging current worldviews
ART & DT	Mosaics Using paper or foam tesserae (ART)	Steady hand game (Electrical systems) Design and develop a steady hand game using a series circuit. (DT)	Victorian Art Creating artwork using an Victorian style (based on William Morris) (ART)	Textiles (Waistcoats) Use a range of textiles techniques. (DT)	Pop Art (Mixed Media) (ART)	Come Dine with Me Develop a three-course meal. (DT)
Music	Developing Melodic Phrases: How does music bring us together?	Understanding Structure & Form: How does music connect us with our past? Musical Spotlight: Developing Melodic Phrases	Gaining Confidence Through Performance: How does music improve our world? Musical Spotlight: Developing Melodic Phrases	Exploring Notation Further: How does music teach us about our community? Musical Spotlight: Gaining Confidence Through Performance	Using Chords and Structure: How does music shape our way of life? Musical Spotlight: Gaining Confidence Through Performance	Respecting Each Other Through Composition: How does music connect us with the environment? Musical Spotlight: Using Chords and Structure
MFL	At school Telling the time and subjects at school	Regular verbs Er, ir, re verbs and pronouns	The weekend Telling the time, conjunctions and vocabulary relating to the weekend	Planets Naming and describing the planets	The Vikings Describing a character, using irregular verbs	Me in the World Festivals and French speaking countries
PE	Invasion Games Net/Wall Games Unit 4 Gymnastics Matching and Mirroring Unit X	Invasion Games Implement & Kicking Unit 1 Gymnastics Synchronisation Unit Y	Net/Wall Unit 2 Dance Unit 2 Dance 25	Striking & Feilding Unit 3 Gymnastics Counter Balance & Tension Unit AA	Outdoors: Athletics Gymnastics Holes & Barriers Unit Z	OAA Dance Unit 1 Dance 23