

Year Three Long Term Plan

Subject	Autumn	Spring	Summer
Science	Animals: Movement and nutrition Studying the human skeleton, children identify key bones and explore how muscle changes result in movement. They learn about how the body uses energy, what constitutes a balanced diet in humans and how research contributes to nutritionist expertise. Forces and space: Forces and magnets By investigating motion on different surfaces, children learn about friction and compare its uses and disadvantages. They broaden their experience in working scientifically as they investigate contact and non-contact forces. Pupils explore the properties of different magnets and apply this to understand their uses.	Materials: Rocks and soil Observing the appearance and physical properties of rocks, children compare and group different rock samples. They learn about how fossils and soils are formed and record soil drainage rates in a bar chart Energy: Light and shadows Identifying examples of light sources, children learn that light is needed to see and how its absence causes darkness. Children investigate reflection and shadow formation, including how different factors change the shadows observed. They explore how shadows can be used to entertain in the arts and create shadow puppets to recount how different people work or experiment with light.	Making connections: Does hand span affect grip strength? Bringing together pupils' learning from multiple Science units, helping them to make connections between the key concepts and skills. Plants: Plant reproduction Explaining how plants reproduce in the context of the life cycle of a flowering plant, gathering data on plant growth and investigating the structure and function of the parts of a flowering plant.
History	British history 1: Would you prefer to live in the Stone Age, Bronze Age or Iron Age? Investigating life in prehistoric Britain by exploring the Stone, Bronze and Iron Ages and placing them within a wider historical timeline. Pupils use archaeological evidence to learn about changes over time, answer historical questions and consider the strengths and limitations of evidence when reconstructing the life of the Amesbury Archer.	British history 2: Why did the Romans invade and settle in Britain? Exploring Roman Britain by investigating why the Romans invaded and settled in Britain and how the Celts responded. Pupils examine archaeological evidence, discover how Roman innovations changed everyday life and consider the lasting influence of the Romans on Britain today.	What was important to ancient Egyptians? Learning about ancient Egypt by investigating evidence such as mummies, pyramids and the Book of the Dead. Pupils place the ancient Egyptians on a timeline, explore the importance of religion in everyday life and discover how ancient Egyptians explained the creation of the world.
Geography	Who lives in Antarctica? Considering how location relates to climate by learning about latitude, longitude and the Earth's tilt. Pupils explore the physical features of Antarctica, examine how people adapt to working in this extreme environment and apply their mapping skills when planning an expedition inspired by Shackleton's journey. Note: Lesson 6 involves fieldwork and may take longer than one hour.	Why do people live near volcanoes? Investigating the structure of the Earth and the movement of tectonic plates by learning how mountains, volcanoes and earthquakes are formed. Pupils map the global distribution of these physical features and examine both the challenges and benefits of living in tectonically active areas, including how people respond to earthquakes and volcanic activity. Note: Lesson 6 involves fieldwork and may take longer than one hour. Sustainability lesson and World Earth Day	Are all settlements the same? Examining settlements and land use by comparing urban and rural environments and investigating how places change over time. Pupils identify the human and physical features of their local area and compare them with those of New Delhi to identify similarities and differences. Note: Lesson 3 involves fieldwork and may take longer than one hour.

		Explain the waste reduction hierarchy and apply it to single-use plastic usage.	
Art and Design	Drawing: Developing drawing skills 7 lessons Developing drawing skills through observation, shape and tone, pupils practise drawing objects using simple shapes, building even tones with pencil and adding detail by observing pattern and texture. They apply these skills in imaginative plant drawings and recreate their ideas as digital artwork.	Craft and design: Ancient Egyptian scrolls 6 lessons Investigating the way colour, scale and pattern influenced ancient Egyptian art, pupils explore the technique of papermaking to create a papyrus-style scroll. Ideas are then extended to create a modern response by designing a 'zine'.	Sculpture and 3D: Abstract shape and space 7 lessons Examining how shapes and negative spaces can be represented by three dimensional forms. Manipulating a range of materials, pupils learn ways to join and create free-standing structures inspired by the work of Anthony Caro and Ruth Asawa.
Design and Technology	Structures: Produce packaging Exploring how 3D shell structures are created from nets, investigating their use in packaging and applying this understanding to create original designs	Digital world: Wearable technology Learning about the development of LEDs and how they allow for a range of light-up wearable technology. Pupils build programs of code to control an array of LEDs for a light-up product, followed by designing the form of their product using computer-aided design.	Cooking and nutrition: Eating seasonally Discovering where and when fruit and vegetables are grown by learning about seasonality in the UK. Pupils respond to a brief by designing a seasonal tart using ingredients harvested in the UK during May and June.
Music	Unit 1: South Africa (Instrumental lessons) Whole-class instrumental lessons on tuned percussion. This South Africa-themed unit develops pupils' rhythmic, singing and notation skills. Mountain Melodies: Steps and Leaps Investigating melody and pitch through using graphic scores to identify changes in pitch by step, leap or repeated note. Pupils compose short melodic pieces inspired by mountain drawings before experimenting with dynamics and movement to bring their musical landscapes to life.	Inspired by India: Musical improvisations Exploring traditional Indian music and the art of improvisation by using the pentatonic scale and simple musical techniques. Pupils create short improvisations and experiment with pitch, dynamics and tempo to express different moods and musical ideas. Unit 2: The Caribbean (Instrumental lessons) Learning about the history and features of calypso music, performing a calypso-style song with voices and tuned percussion in multiple parts and playing from staff notation.	Music Technology: Introduction to music technology Studying sampling as a modern compositional technique, pupils discover how existing sounds can be transformed into new musical ideas. Using music technology, they edit audio samples, experiment with looping and layering and develop their own digital compositions Reggae rhythms: Playing in a band Discovering reggae through some of Bob Marley's most iconic songs, pupils learn simplified bass lines, basic chords and the concept of the offbeat. Pupils combine these musical elements to rehearse and perform collaboratively in their own reggae bands.

Computing	Networks Developing an understanding of computer networks by learning how devices communicate and share information. Pupils investigate network components and explore real-world examples to apply their understanding of how information is transferred between connected devices.	Computing systems and networks 2 Emailing	Creating media Video Trailers Developing digital video skills through creating trailers that use special effects, transitions and editing techniques. Pupils apply their understanding by planning, producing and refining video content for a book trailer.
	Programming Scratch Investigating programming through Scratch by creating animations and learning key coding concepts. Pupils apply their understanding by testing, debugging and evaluating their work to improve and refine digital projects.	Computing systems and networks 3 Journey inside a computer Exploring how computers work by role-playing different computer parts and creating paper models of computer systems. Pupils also investigate similarities and differences between devices to develop their understanding of computer functions and components.	Data handling Comparison cards databases Exploring the concepts of sorting and filtering by learning about records, fields and data. Pupils apply their understanding by sorting and filtering data to plan a holiday.
PE	Orienteering	Gymnastics	Cricket
	Football	Hockey	Rounders
	Dance	Tag Rugby	Swimming (5 lessons)
	Netball	Tennis	Athletics
			Sports Day
MFL (French)	French Greetings with puppets Using puppets to practise a variety of French greetings and learning how to introduce themselves. Choosing the correct greeting based on the time of day and asking someone how they are.	French playground games – numbers and age This KS2 unit sees children count in French from one to twelve, recognise the written number words, ask how old someone is and answer the same question, comparing sentence structures in French and English, and practising all the vocabulary by playing counting and some traditional French games.	In a French Classroom (5 lessons) A Circle of Life in French (1 lesson)
	French adjectives of colour size and shape Describing shapes using adjectives of colour and size, learning the position of adjectives relative to the noun; noting cognates, practising language skills and developing confidence through games and creating animal and Christmas artworks inspired by the cut-outs of French artist, Henri Matisse.		

	Term1	Term 2	Term 3	Term 4	Term 5	Term 6
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Religious Education	Strand: Belief and questions Key Question: How are different people inspired by the teachings of Jesus? Religion: Christianity Video "How special is your relationship with God?" - CofE & Baptist & Roman Catholic	Strand: Community & Identity Key Question: How does the worldwide Christian family celebrate, worship and mark key events? Religion: Christianity	Strand: Beliefs and Questions (Theology) Key Question: What do Muslims believe about God and where did Islam start? Religion: Islam Video "How special is your relationship with God?" - Islam	Strand: Reality and truth Key Question: Does art help with understanding stories? Religion: Christianity	Strand: Community & Identity Human and Social Science Key Question: What is the Qur'an and why do many Muslims try to learn it by heart? Religion: Islam Video "How does your belief in God affect your daily life?" -Islam	Strand: Reality and Truth (Philosophy) Key Question: Does it matter if a story is true or not? Religion: Religious and non-religious worldviews
Personal, Social, Emotional Sex and Relationships Education	Jigsaw - Being Me in My World Growth Mindset – On the high wire Kapow Wellbeing Unit lesson 1 Zones of Regulation Autumn Term lessons 1-6	Jigsaw – Celebrating Differences Growth Mindset – Firing Neurons Kapow Wellbeing Unit lesson 2 Zones of Regulation Autumn Term lessons 7-12	Jigsaw – Dreams & Goals Growth Mindset – Born to be.... Kapow Wellbeing Unit lesson 3 Zones of Regulation Spring Term Lessons 1-6	Jigsaw – Healthy Me Growth Mindset – Mistakes that worked Kapow Wellbeing Unit lesson 4 Zones of Regulation Spring Term lessons 6-11	Jigsaw – Relationships Growth Mindset – Challenge Mountains Zones of Regulation consolidation	Jigsaw- Changing Me Growth Mindset – Never Give Up! Kapow Wellbeing Unit lesson 5 Zones of Regulation consolidation
Collective Worship	Harvest Providing for those less fortunate "When you harvest your grain, always leave some of it standing around the edges of your fields and don't pick up what falls on the ground. Leave it for the poor and for those foreigners who live among you." Leviticus 23:22			Easter Holy Week through art		