

Year Two Long Term Plan

Subject	Autumn	Spring	Summer
Science	Living things: Habitats Considering the life processes that all living things have in common, pupils classify objects into alive, was once alive or has never been alive. They name plants and animals in a range of habitats and recognise how living things depend on each other. Pupils create food chains to show the sequence that living things eat each other.	Animals: Life cycles and health Identifying and describing the different stages of animal life cycles, including that of humans, recording and interpreting data to show growth in humans and explaining how to keep healthy.	Plants: Plant growth Carrying out comparative tests, pupils discover the conditions required for seed germination. They use rulers to measure stem height and record data in a results table. Through practical investigation, pupils learn that plants need water, light and a suitable temperature to grow and stay healthy.
	Living things: Microhabitats Building on their knowledge of habitats, pupils discover that microhabitats provide what minibeasts need to survive. They learn that scientists use a range of skills to answer questions and plan and carry out an experiment to find out the conditions woodlice prefer	Materials: Uses of everyday materials Recognising that materials are suitable for specific purposes and understanding their properties, exploring how actions such as stretching and bending affect the shape of solid objects and comparing the suitability of materials by carrying out tests and recording data.	Making connections: Plant-based materials Bringing together pupils’ learning from multiple Science units, helping them to make connections between the key concepts and skills.
History	How was school different in the past? Exploring how schools have changed over time by comparing schools today with those from the past. Pupils use a range of historical sources to identify similarities and differences and recognise aspects of school life that have remained the same.	How did we learn to fly? Learning about the history of flight by placing significant events on a timeline and discovering the individuals who helped shape aviation. Pupils build their understanding of chronology while exploring how developments in flight have changed over time.	What is a monarch? Examining the role of a monarch by comparing the monarchy today with the monarchy of the past. Pupils investigate how William the Conqueror became king, examine how castles helped monarchs maintain control and explore how castles changed over time.
Geography	Would you prefer to live in a hot or cold place? Examining climate zones and locating hot and cold places around the world. Pupils compare the North and South Poles, Kenya and their local area, while learning the four compass points and the names and locations of the seven continents. Note: Lesson 5 involves fieldwork and may take longer than one hour.	Why is our world wonderful? Exploring the geography of the UK and the wider world by identifying key features of the UK, naming the oceans and locating them on a world map. Pupils investigate natural habitats in their local area and use fieldwork to collect, present and interpret geographical information. Note: Lesson 5 involves fieldwork and may take longer than one hour. Sustainability lesson and world Earth Day Identify how travel choices can help protect the environment and think of ways to inspire others by creating an action plan.	What is it like to live by the coast? Exploring coastal environments by locating the seas and oceans surrounding the UK and investigating the physical features of the Jurassic Coast. Pupils examine how people use coastal areas, conduct fieldwork on their local coast and present findings from their own geographical enquiry. Note: Lesson 5 involves fieldwork and may take longer than one hour.

Art and Design	Drawing: Understanding tone and texture 7 lessons Developing drawing skills by exploring and experimenting with a range of materials, pupils make marks that suggest texture, light and dark. They build drawings by sketching basic shapes and adding detail, producing a final observational piece that shows an emerging understanding of shading and texture.	Painting and mixed media: Life in colour 7 lessons Investigating collage techniques through the work of Romare Bearden, focusing on colour mixing and creating texture using different tools. Pupils create painted papers in Bearden's style and use them to produce a collage linked to a chosen theme.	Sculpture and 3D: Clay houses 6 lessons Exploring the way clay can be shaped and joined, children learn a range of essential skills for working with this medium. They learn about the sculpture of Rachel Whiteread and create their own clay house tile in response.
Design and Technology	Structures: A chair for bear Investigating strong shapes and the properties of stiff and flexible materials by designing a chair Inspired by There's a bear on my chair by Ross Collins	Mechanisms: Levers Exploring pivot, lever and linkage mechanisms through designing a moving monster with mechanical parts.	Cooking and nutrition: Balanced diet Learning about the importance of a balanced diet and using that knowledge to create a tasty wrap, this unit includes new lessons with both teacher and pupil videos.
Music	Animals: Call and Response Developing rhythm and pulse through chanting call-and-response sound patterns and performing with untuned percussion instruments. Pupils create and echo rhythmic ideas while responding to each other's chants to build musical communication and performance skills. Musical storytelling: Instruments Exploring longer pieces of music, pupils look at how music can tell a story through a variety of instruments. They think creatively, considering how sounds can represent characters, actions and emotions when creating a soundscape to tell the story of Jack and the Beanstalk.	Space: Contrasting Dynamics Developing their understanding of contrasting dynamics, pupils listen to music inspired by planets and use these examples to create their own compositions. They explore how loud and soft sounds can represent the unique characteristics of different planets. On this Island: Singing Identifying how music can represent different environments by singing songs and creating contrasting soundscapes. Pupils use instruments, body percussion and folk songs to evoke the atmosphere of three different landscapes.	Myths and Legends: Structure Investigating musical structure by listening to, analysing and performing a song based on a well-known myth. Pupils identify sections and sound patterns within the music before using voices and instruments to perform short musical phrases that help tell a story. Musical Me: Pitch Developing pitch awareness through learning the song 'Once a Man Fell in a Well' and recreating its melody using tuned instruments. Pupils connect sounds to specific pitches and begin to understand how simple symbols can be used to represent musical notation.
Computing	Computing systems and networks 1 What is a computer? Exploring what a computer is by identifying different inputs and outputs and understanding how computers process information. Pupils investigate how computers are used in the wider world before designing their own computerised invention. Programming 1	Computing systems and networks 2 Word Processing Developing word processing skills by learning touch typing, using keyboard shortcuts and exploring how to stay safe online. Pupils apply formatting and editing tools, including bold, italics and font colour, before importing images to create and improve their own digital documents.	Creating Media Stop motion Data Handling International space station Exploring how astronauts survive on the International Space Station, including how data is collected, used and displayed through sensor systems and monitoring

	Algorithms and debugging Developing an understanding of what algorithms are, how to program them and how they can be developed to be more efficient through a range of unplugged and plugged-in activities.	Online safety lessons unit to be taught during safer internet week in February Programming 2 Coding Exploring how to use 'MakeCode' by investigating what different programming blocks do and how they control outcomes. Pupils apply their understanding by planning, building and testing their own program.	equipment. Pupils also consider habitable planets, how people live and work in space and how space exploration can benefit life on Earth.
PE	Orienteering/Outdoor Explorers Handball Dance Fitness	Gymnastics Football Dodgeball Tennis	Cricket Hockey Athletics Rounders Sports Day

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Religious Education	Strand: Beliefs and Questions (Theology) Key Question: What does Torah mean for Jewish people? Religion: Judaism Video "What symbols are important to you?" -Judaism	Strand: Community and Identity – Human and Social Science Key Question: In what ways is the Synagogue important to Jewish people? Religion: Judaism	Strand: Reality and Truth Key Question: What are the best reasons for following a leader? Religion: Religious and non-religious world views Video "What symbols are important to you?" -Buddhist and Humanist Video "What stories are important to you?" -Buddhist and Humanist	Strand: Beliefs and questions Key Question: How do Christians find out what God is like? Religion: Christianity Video "What symbols are important to you?" -C of E & Baptist	Strand: Truth and Reality (Philosophy) Key Question: How do Christians decide what is right? Religion: Christianity	Strand: Community and Identity (Human and Social Science) Key Question: What do many Christians do when they meet and why? Religion: Christianity
Personal, Social, Emotional Sex and Relationships Education	Jigsaw - Being Me in My World Growth Mindset -Playing Teacher Kapow Wellbeing Unit lesson 1 Zones of Regulation Autumn Term lessons 1-6	Jigsaw – Celebrating Differences Growth Mindset – Oh No! I've made a mistake Kapow Wellbeing Unit lesson 2 Zones of Regulation Autumn Term lessons 7-12	Jigsaw – Dreams & Goals Growth Mindset – Girls can't do that! Dream big! Kapow Wellbeing Unit lesson 3 Zones of Regulation Spring Term Lessons 1-6	Jigsaw – Healthy Me Growth Mindset -Super Effort 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 – Ding ding! How much effort? Kapow Wellbeing Unit lesson 5 Zones of Regulation consolidation

Collective Worship	Harvest Bread around the World - Jesus the bread of life	Christmas The birth of Jesus		Easter In the garden of Gethsemane		
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