

Year 4 Curriculum Yearly Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Trip/parental involvement	To be confirmed		To be confirmed		To be confirmed	
Book Focus	The Whale by Ethan & Vita Murrow	Leaf by Sandra Dieckmann	Arthur and the Golden Rope	The Great Kapok Tree by Lynne Cherry	Our Tower by Joseph Coelho Flotsam by David Wiesner	Manfish by Jennifer Berne
Phonics/ spelling Unlocking Letters and Spelling	Doubling consonants Adding the -ly suffix Adding the -ous suffix Adding the suffixes -tion/-sion/-ssion/-cian Prefixes un/dis/mis Prefixes in/im/il/ir	Homophones (you're/your, off/of, their/they're/there) Homophones (break/brake, peace/piece, rein/rain/reign) Homophones (accept/except, affect/effect whether/weather) Words ending in -sure/-ture	Words from the LKS2 statutory word list Prefixes (un/dis/mis/in/im/il/ir) Words ending -sure/-ture	the 'k' sound spelt 'ch' the 'sh' sound spelt 'ch' the 's' sound spelt 'sc' prefixes re/sub/inter/super/anti/auto	Apostrophes for plural possession The -ation suffix The 'uh' sound spelt 'ou'	Words ending in -gue and -que Alternative graphemes (k spelt ch/sh spelt ch/s spelt sc) Prefixes (re/sub/inter/super/anti/auto) Apostrophes for plural possession The -ation suffix
English Ready Steady Write	Setting narrative Newspaper report	Outsider narrative Information report	Myth narrative by Joe Todd-Stanton	Persuasive Letter	Environmental Change narrative (Our Tower) Secret Sea Creature Guide (Flotsam)	Invention narrative Biography
Maths White Rose	Place value Addition and subtraction	Area Multiplication and division A	Multiplication and division B Length and perimeter	Fractions Decimals A	Decimals B Money Time	Shape Statistics Position and direction
Science Kapow	Digestion and food Using models, children describe the function of key organs in the digestive system. Pupils identify the types of human teeth to create their own model and investigate factors that impact our dental health. They compare human teeth to other animals' and consider this in the light of prior knowledge about predators, prey and food chains. Children take on	Electricity and circuits Exploring appliances that use electricity in their setting, children learn how to work with electricity safely and build circuits. Pupils investigate electrical conductors and insulators and explore the relationship between the number of bulbs and bulb brightness. Real scenarios and historical discoveries inform children about scientific	States of matter Investigating the properties of solids, liquids and gases, children learn about the different states of matter. They explore changes of state using relatable examples and use this to explain changes to water through the water cycle. Pupils investigate the relationship between temperature and rate of evaporation while broadening their	Sound and vibration Exploring different ways of producing sounds, children learn about the relationship between vibrations and what they hear. They study dolphins and whales to develop their understanding of how sound travels between objects and investigate the role of insulation to protect our ears. Pupils explore how pitch and volume can be altered and make their own	Classification and changing habitats Identifying different ways to group living things, children make classification keys to explore which grouping methods are most effective. Pupils study how habitats change over time and understand that humans can have both positive and negative effects on their surroundings. They play the role of conservationists and	How does the flow of liquids compare? Revising the states of matter, children consider methods for measuring how liquids flow differently from each other. They plan and execute an enquiry, considering different ways of representing data to support a conclusion. By revisiting the digestive system, the children explore how the flow of different liquids should be

	the role of a naturalist investigating animal faeces for clues about diet, digestion and dentition.	progression and home safety.	experience of working scientifically.	musical instruments to demonstrate these principles.	design conservation pamphlets.	considered when producing different medicines.
History Kapow		How have children's lives changed? Examining how children's lives have changed over time by investigating leisure, health and work in the past. Pupils compare the experiences of Tudor and Victorian children, identify continuities and changes and evaluate the significance of Lord Shaftesbury's contribution to education and child labour reform.		British history 3: What changed in Britain after the Anglo-Saxon invasion? Understanding how Britain changed after the Anglo-Saxon invasion by investigating settlement, beliefs and daily life in Anglo-Saxon England. Pupils explore the spread of Christianity, examine the impact of Viking raids and discover how Anglo-Saxon rule came to an end.		How did the achievements of the ancient Maya impact their society and beyond? Investigating the ancient Maya by examining historical and archaeological evidence to learn about their achievements and way of life. Pupils use artefacts to make inferences, explore Maya settlements in the rainforest and discover the significance of beliefs and inventions to the Maya.
Geography Kapow	Why are rainforests important to us? Examining the relationship between climate and biomes by locating the Amazon rainforest and investigating its physical features and vegetation. Pupils explore how plants and people adapt to life in the rainforest and consider the impact of human activity on this important environment locally and globally.		Where does our food come from? Exploring global trade and food production by mapping the world's biomes and tracing where food imports come from. Pupils investigate fair trade with a focus on Côte d'Ivoire and cocoa production, and consider the advantages and disadvantages of sourcing food locally and globally.		What are rivers and how are they used? Investigating how water is stored and transferred by learning about the water cycle, rivers and their features. Pupils map major rivers in the UK and around the world, examine how people use rivers and apply their knowledge through studying a local river.	
Computing Kapow	Google: Computing systems and networks: Collaborative learning Developing collaborative working skills through using online software to create and share digital content. Pupils apply their understanding by	Programming 1: Further coding with Scratch Designing and programming a game using variables, sensors and 'if' statements to control outcomes and interactions. Pupils debug and evaluate their projects to improve	Google: Creating media: Website design Exploring the features of Google Sites and learning how websites are planned, created and organised for different audiences and purposes. Pupils collaborate to design web	Skills showcase: HTML Investigating how websites are created by exploring HTML and CSS code and learning how markup language controls the layout and appearance of web pages. Pupils edit text, images and page design	Programming 2: Computational thinking Developing computational thinking skills through decomposition, pattern recognition, abstraction and algorithm design to solve problems. Pupils apply these approaches by	Data handling: Investigating weather Investigating how weather data is gathered, recorded and used to create forecasts through researching and using spreadsheets to organise information. Pupils design a

	contributing to shared documents, creating presentations and forms and using shared spreadsheets to organise and explore data.	functionality, refine gameplay and develop more effective game designs.	pages, create their own websites and evaluate how effectively their content communicates	before remixing and adapting a live website using their coding skills.	creating and evaluating a Scratch project, reflecting on how computational thinking improves digital solutions and programming outcomes.	weather station, collect and present data, and create their own weather forecast using tablets or digital cameras.
Music Kapow	Singing in parts: Loops and layers Developing vocal technique, confidence and control by singing in rounds and performing musical loops. Pupils build independence, timing and listening skills while collaborating to create layered group performances.	Musical motifs: Reading the stave Developing an understanding of musical notation by learning how notes move higher and lower on the stave through reading, playing and composing short musical motifs. Pupils apply their understanding by recognising patterns within musical phrases, creating motifs for characters and performing compositions using stave notation.	Sounds of China: Scales and structure Examining traditional Chinese music through listening, improvising and performing, pupils deepen their understanding of the pentatonic scale. They create their own improvisations with a focus on structure and contrast, while developing collaborative and creative thinking skills through group performance.	Music technology: Loop-based composition Developing digital literacy through music technology, pupils create and manipulate musical loops. They turn simple motifs into catchy loops using Kapow Music Maker, a bespoke browser-based platform. Pupils layer sounds and compose complementary parts to create their own digital compositions.	12-bar blues: Playing in a band Exploring the history of blues music through listening, singing and playing, pupils recognise key features of the genre. They play bass lines and chords, sing simple blues melodies and experiment with improvisation to understand how these elements create the distinctive sound of the blues.	Minimalist melodies: Developing patterns Exploring minimalist music, pupils recognise how simple musical ideas can develop into engaging compositions. By listening to key minimalist works, they identify how recurring motifs and subtle musical changes create interest, before using minimalist techniques to compose their own pieces.
Art and Design Kapow	Art and Design: Drawing: Exploring tone, texture and proportion Exploring tone, texture and proportion to create realistic and expressive drawings, inspired by artists Sarah Graham, Nicola McBride and Beatriz Milhazes. Pupils develop skills in shading, mark-making and composition using sweets, wrappers and bold patterns to produce detailed drawings with a strong sense of form and proportion.	Design and Technology: Cooking and nutrition: Adapting a recipe Designing and making biscuits for a chosen target audience by exploring existing products, following recipes and evaluating ingredients, taste and appearance. Pupils develop food preparation skills by adapting a biscuit recipe, creating their own design and evaluating how well their finished product meets the design criteria.	Art and Design: Painting & mixed media: Light and dark Investigating the use of tone in art through studying how artists use highlights, midtones and shadows to create the illusion of form. Pupils practise colour mixing by creating tints and shades, consider how light affects mood and appearance and explore elements of compositions to produce a painted still life.	Design and Technology: Mechanical systems: Mechanical cars Exploring mechanical systems by building and testing prototype cars to identify effective design features. Pupils conduct market research, create design criteria and evaluate products from a customer perspective before designing their own mechanical car kit.	Art and Design: Craft and design: Fabric of nature Using the flora and fauna of tropical rainforests as a starting point, pupils develop drawings through experimentation and textile-based techniques to design a repeating pattern suitable for fabric.	Design and Technology: Electrical systems: Exploring electrical products Investigating electrical components and circuits and how they are used in everyday products to improve safety and convenience. Pupils build simple circuits with switches before designing their own electrical product using a cross-sectional diagram.
PSHE and SRE My Happy Mind	Meet your brain British Values	Showing respect and managing hurtful behaviour Celebrate	Appreciate First Aid Media Literacy and Digital Resilience	Relate Safe relationships	Engage Keeping safe	Economic wellbeing Ourselves, growing and changing- transition

RE Understanding Christianity/GASRE	Incarnation/God	What do Hindu's believe God is like?	What does it mean to be Hindu in Britain today?	Salvation	Kingdom of God	How and why do people mark the significant events of life?
PE	Fundamental movement skills - gymnastics	Fundamental movement skills - net and wall games (tennis)	Fundamental movement skills - dance	Fundamental movement skills - orienteering	Fundamental movement skills - athletics	Fundamental movement skills - striking and fielding
French Primary Languages Network	Welcome to school	My town, your town	Alien faces and family	Moving our bodies	At the doctors and jungle animals	Summertime