

Key Stage 1 & 2

Annual Curriculum Subject Planning Overview - 2023-24

(NB - EYFS, English & Phonics have their own Overviews)

Please be aware that you will need to use the 'View' and 'Zoom' controls from your document viewer to read this PDF. Please contact us if you are having any difficulty with this.



	Year	MATHS	SCIENCE	GEOGRAPHY	HISTORY	COMPUTING	LANGUAGES	MUSIC	ART	PE	DT	RE	PSHE
TERM 1 2023/2024	1	<p>Numbers to 10 Number bonds Addition within 10 Subtraction within 10 Positions Numbers to 20 Addition and subtraction within 20</p>	<p>Animals including humans Carnivores, herbivores and omnivores Vertebrates and Invertebrates Seasonal changes Different types of weather and the four seasons</p>	<p>Our School Where is our school? Why is it here? How do we get to school? Can we map our classroom? Why is Samuel Pepys' diary so important?</p>	<p>The Great Fire of London Historical events beyond living memory. Digital painting How did the fire start? How much damage did it cause? Why did the fire spread so quickly? Why is Samuel Pepys' diary so important?</p>	<p>Technology Around Us Recognising technology in school and using it responsibly. Digital painting Choosing appropriate tools in a program to create art Create Cartoon and Animated Character Video Choosing appropriate tools to create animations.</p>	<p>Not taught at KS 1</p>	<p>My Musical Heartbeat Finding the pulse Singing & Performance Children will work towards a Christmas performance, learning vocal warm ups and performance skills.</p>	<p>Spirals Using drawing, collage and mark-making to explore spirals. Introducing sketchbooks. Simple Printmaking Explore simple ways to make a print. Use line, shape, colour and texture to explore pattern, sequencing and symmetry.</p>	<p>Athletics Ball Skills (Invasion Games) -Netball -Tag Rugby</p>	<p>Mechanisms Focus : Sliders and Levers Project: Moving Pictures Explore and use sliders and levers. Understand that different mechanisms perform different actions</p>	<p>Sacred Places Identify special objects and symbols found in a place where people worship. Talk about ways in which stories, objects, symbols and actions used in churches, mosques and/or synagogues show what people believe</p>	<p>Being Me in My World -Feeling special -Feeling proud -The learning charter Celebrating Difference -Talents -Families -Making friends -Standing up for yourself</p>
	2	<p>Numbers to 100 Addition and Subtraction Multiply & Divide 2.5 & 10 Length Mass</p>	<p>Animals including humans Vertebrates and Invertebrates Life Cycles Diet Living things and their Habitats Food chains Habitats and micro-habitats</p>	<p>What is a country ? What makes a place a country? Which country do we live in and which countries are near to us? What geographical features can we find in England? Geographical vocabulary of physical features</p>	<p>Gunpowder Plot Historical events beyond living memory. Why is this event remembered? Who was Guy Fawkes and identify other significant individuals involved in the Gunpowder Plot. How do we know what happened? What happened to Guy Fawkes?</p>	<p>Information technology around us Identifying IT and how its responsible use improves our world in school and beyond. Digital photography Capturing and changing digital photographs for different purposes. Interactive Images Choosing appropriate tools to create an animation bringing a character to life. Robot Avatars Design and create an avatar</p>	<p>Not taught at KS 1</p>	<p>Pulse, Rhythm and Pitch Exploring how these elements work together Singing & Performance Children will work towards a Christmas performance, learning vocal warm ups and performance skills.</p>	<p>Explore & Draw Introducing the idea that artists can be collectors & explorers as they develop drawing and composition skills. Exploring the World Through Mono Print Using a simple mono print technique to develop drawing skills, encourage experimentation and ownership</p>	<p>Athletics Ball Skills (Invasion Games) -Netball -Tag Rugby</p>	<p>Mechanisms Focus : Wheels and axles Project: Emergency Vehicles Explore and use wheels, axles and axle holders Distinguish between fixed and freely moving axes.</p>	<p>Christian Beliefs Talk about some simple ideas about Christian beliefs about God and Jesus Re-tell a story that shows what Christians might think about God, in words, drama and pictures, suggesting what it means Talk about issues of good and bad, right and wrong arising from the stories</p>	<p>Being Me in My World -Rights & Responsibilities -Hopes & fears -Rewards & sanctions Celebrating Difference -Stereotypes -Gender diversity -Understanding bullying</p>
	3	<p>Place value Numbers to 1000 Calculation: Mental addition -formal & informal written methods (of 2 digit numbers) Subtraction with renaming Multiplication & related division facts</p>	<p>Animals including humans Nutrition, Exo and endo skeletons what our muscles are for Naming key joints and bones in the human body Forces and Magnets Which materials are magnetic? How does a compass work?</p>	<p>Maps & Mapping Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied use the 8 points of a compass, 4 figure grid references</p>	<p>Stone Age to Iron Age - Technology World Focus: Era, change & continuity cause & consequence, settlements, technology Know the 3 prehistoric periods Understand how man developed tools and technology How did ancient man live?</p>	<p>Connecting Computers Identifying that digital devices have inputs, processes, and outputs Stop-frame animation Produce a stop-frame animation that tells a story. Digital Self Portraits Choosing appropriate tools to create digital self portrait Interactive Comics create an interactive multimedia comic. Paper Based App Prototype Design a simple app. Movie Audio Description Create an audio description video.</p>	<p>Place, Grammar & Vocabulary Locate France on a map: simple greetings; ask and answer name; count to 10; colours; animals; Christmas activities</p>	<p>Writing Music Down Representing rhythm and pitch on a staff. Composing simple melodies on Glockenspiels.</p>	<p>Gestural Drawing with Charcoal Making loose, gestural drawings with charcoal, and exploring drama and performance. Working with Shape and Colour "Painting with Scissors": Collage and stencil in response to looking at artwork.</p>	<p>Athletics Invasion Games - Netball - Tag - Rugby</p>	<p>Food Focus: Healthy and varied diet Know how to use appropriate equipment and utensils to prepare and combine food. Know about a range of fresh and processed ingredients.</p>	<p>Being A Christian Describe some examples of what Christians do to show their faith, and make connections with some Christian beliefs and teachings Describe some ways in which Christian express their faith through hymns and modern worship songs Suggest at least two reasons why being a Christian is a good thing in Britain today, and two reasons why it might be hard sometimes</p>	<p>Being Me in My World -Rights & Responsibilities -Setting goals -Responsible choices Celebrating Difference -Family conflict -Dealing with bullying -Giving & receiving compliments</p>
	4	<p>Numbers to 10 000 - place value, compare + order and rounding Addition and Subtraction -mental and written strategies Multiplication and Division - x 6, x 7, x 9, x 11, x12 and related division facts Further Multiplication and Division - written methods for x</p>	<p>Teeth and Digestion Functions of different teeth Organs of digestive system Animal digestion – ovis Electricity Appliances and safety Conductors and insulators and circuits</p>	<p>Australia Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom and Australia.</p>	<p>Anglo Saxons - Invaders Local Focus: Conflict & resolution rule, kingdom, monarchy, customs, invasion, significant individuals Why did the Angles, Saxons and Jutes invade? Where did they come from? Where did they settle? The Heptarchy Kingdoms and Alfred the Great.</p>	<p>The internet Recognising the internet as a network of networks including the WWW and why we should evaluate online content. Audio production Capturing and editing audio to produce a podcast, ensuring that copyright is considered</p>	<p>Vocabulary and Grammar Know Count to 20 and beyond; simple greetings; say name/age/where you live/your nationality; talk about your family; Christmas activities</p>	<p>Ukulele Hold an instrument Learn a number of songs using one or two chords</p>	<p>Storytelling Through Drawing Explore how artists create sequenced drawings to share and tell stories. Create character or comic strips to retell poetry or prose through drawing. Exploring Pattern Exploring how we can use colour, line and shape to create patterns, including repeating patterns.</p>	<p>Athletics Invasion Games - Netball - Tag - Rugby</p>	<p>Electrical systems Focus : Simple circuits and switches & Control Project: Design a light Understand and use electrical systems in their products, such as series circuits incorporating switches, bulbs and buzzers.</p>	<p>Being A Hindu Describe some examples of what Hindus do to show their faith, and make connections with some Hindu beliefs and teachings about aims and duties in life. Discuss links between the actions of Hindus in helping others and ways in which people of other faiths and beliefs, including pupils themselves, help others</p>	<p>Being Me in My World -Rights & Responsibilities -Feeling welcome -Having a voice Celebrating Difference -Appearances -Accepting Self -First Impression</p>
	5	<p>Numbers to 1,000,000 Addition & Subtraction Multiplication & Division Factors, Primes, Square Word Problems Graphs & Charts</p>	<p>Forces -What is force and how is it measured? -How does friction affect movement? -What is gravity? Earth & Space The movement of the Earth and other planets around the sun. Orbits of earth and the moon. Day, night and seasons.</p>	<p>Rainforests Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night) How does the production of palm oil affect the rainforest climate and environment and impact on climate change? Residential Trip Devon Coastal Features, compare locations, land use, human impact</p>	<p>Ancient Greeks - Legacy World Focus: Civilisations trade, social hierarchy, belief system, athletics, rules, succession, legacy, building, language, entertainment, parliament Significance of Greek culture on the world today. Democracy, Science, Philosophy. What was the significance of the Olympic games? How do we know about ancient Greece?</p>	<p>Systems and searching Recognising how IT allows us to search the internet. Video production Planning, capturing and editing video to produce a short film. Greenscreen News Report Create a greenscreen news report.</p>	<p>Vocabulary & Grammar Ask and answer whether you have a pet or not; say the pet's name; use 'but'; say the date; ask and answer when your birthday is; know some key dates in the French calendar; Christmas activities</p>	<p>Melody and Harmony in Music Explore voices that sing melodies and the instruments that add harmonies</p>	<p>Typography & Maps Exploring how we can create typography through drawing and design, and use our skills to create personal and highly visual maps. Making Monotypes Combine the monotype process with painting and collage to make visual poetry zines.</p>	<p>Athletics Invasion Games - Basketball Outdoor and Adventurous Activities</p>	<p>Structures Focus: Frame structures Project : Bird Frames Understand how to strengthen, stiffen and reinforce 3-D frameworks.</p>	<p>Worship Make connections between how believers feel about places of worship in different traditions Select and describe the most important functions of a place of worship for the community & give examples of how places of worship support believers in difficult times, explaining why this matters to believers</p>	<p>Being Me in My World -Identifying goals -Rights & Responsibilities -Democracy Celebrating Difference -Types of Bullying -Wealth & Happiness -Enjoying cultures</p>
	6	<p>Numbers to 10 Million - place value, compare + order and rounding Four Operations on Whole Numbers - x and + 4-digit numbers by 2-digit numbers Fractions Decimals Measurements Percentages</p>	<p>The Circulatory System -Heart rate and exercise-How does our heart work?-What is in our blood? Living Things- Habitats Classification of animals Microorganisms and uses Light (1) Sources of light How does light travel? How do we see? How are shadows made and what affects their size? NB - in 2023-24 Y6 will follow the Y5 Curriculum in Science.</p>	<p>Mapping Our World 3D World to 2D map. Map projections Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied use the 8 points of a compass, 6-figure grid references, symbols and key (including the use of Ordnance Survey maps). Residential Trip Devon Coastal Features, compare locations, land use, human impact</p>	<p>WW1 & WW2 World/British Focus: Conflict & resolution cause / consequence, invasion, technology, significant individuals -Causes -Countries involved -Leaders -Key events -Life in Britain -Chronology of events -Remembrance</p>	<p>Communication and collaboration Identifying and exploring how data is transferred and information is shared online. Webpage creation Designing and creating webpages, giving consideration to copyright, aesthetics, and navigation.</p>	<p>Vocabulary & Grammar Talk about school subjects you study and like/dislike; say the time (to the hour); say when you study certain subjects; Say which foods are considered good/bad for your health; talk about activities you can do to keep healthy; Christmas activities</p>	<p>Music and Technology Mixing live and digital sounds and developing music production skills</p>	<p>2D Drawing to 3D Making Explore how 2D drawings can be transformed to 3D objects. Work towards a sculptural outcome or a graphic design outcome. Activism Explore how artists use their skills to speak on behalf of communities. Make art about things you care about.</p>	<p>Athletics Invasion Games - Basketball Outdoor and Adventurous Activities</p>	<p>Structures Design and make a new Morrison shelter Strengthening materials Triangulation</p>	<p>Religious and non-religious Beliefs Discover how some people choose to have no religion and believe there is no God. Discover what agnosticism and atheism are and what humanists believe. Understand and explain their 'world view'. Do people who follow the same religion share exactly the same beliefs?</p>	<p>Being Me in My World -Global citizenship -Children's rights -Consequence & reward Celebrating Difference -Disability -Inclusion/exclusion -Empathy</p>

Year	MATHS	SCIENCE	GEOGRAPHY	HISTORY	COMPUTING	LANGUAGES	MUSIC	ART	PE	DT	RE	PSHE
1	<p>Shapes and Patterns Length and Height Numbers to 40 Addition & Subtraction Word Problems Multiplication Division Fractions</p>	<p>Everyday Materials Grouping different materials Vocabulary needed to describe different materials and their various properties.</p>	<p>The Weather Climate (climate zones, weather) What is the weather? How can we measure different kinds of weather? What is a weather forecast and how is made? Why is weather different in different places?</p>	<p>Road Transport Through the Ages Changes within living memory - exploration & invention - (discovery, migration, navigation, progress, tools) similarity & difference changes & continuity How did transport change throughout history? What were the key inventions and inventors?</p>	<p>Moving a robot Writing short algorithms and programs for floor robots and predicting program outcomes.</p> <p>Grouping data Exploring object labels, then using them to sort and group objects by properties.</p>	<p>Not taught at KS 1</p>	<p>Dance, Sing & Play Understanding basic rhythm and pitch</p> <p>Exploring Sounds Adding variety to music: high/low, long/short, loud quiet</p>	<p>Playful Making Exploring materials and intention through a playful approach Exploring Watercolour Exploring watercolour and discovering we can use accidental marks to help us make art.</p>	<p>Dance Gymnastics Ball Skills (Invasion Games) - Football</p>	<p>Food Focus Preparing Fruit Project: Healthy Smoothy/Lolly Understand where a range of fruit and vegetables come from e.g. farmed or grown at home.</p>	<p>Celebrations - Easter Identify Easter as a celebration and describe its importance Explain what a celebration is. Describe how Easter is celebrated Think of reasons why people like to celebrate important events.</p>	<p>Dreams & Goals -Setting goals -Learning styles -Tackling challenges Healthy Me -Healthy lifestyle choices -Medicine safety -Road safety -Health & happiness</p>
2	<p>Length Mass Temperature Picture Graphs Word Problems</p>	<p>Uses of Everyday Materials How do we use materials for different purposes based upon their properties? Which materials are better for which jobs?</p>	<p>A Kenyan Safari Where would people go on safari? Kenyan tourism What is the environment / climate like? Why do animals live in this environment/ climate and not in Britain?</p>	<p>Nursing Lives of Significant Individuals conflict & disaster - (occupation, military, peace, war) similarity & difference change & continuity My Robot Helper Design a robot helper with algorithms Pictograms Collecting data in tally charts present on a computer Create Pictograms to represent data.</p>	<p>Robot algorithms Creating and debugging programs, and using logical reasoning Scratch Junior Program 2 sprites so they appear to interact My Robot Helper Design a robot helper with algorithms Pictograms Collecting data in tally charts present on a computer Create Pictograms to represent data.</p>	<p>Not taught at KS 1</p>	<p>Playing in an Orchestra What is an orchestra? Which instruments are played in an orchestra and which family of instruments do they belong to? Inventing a musical story How can music help us to tell a story and express feelings?</p>	<p>Be An Architect Exploring architecture and creating architectural models. Expressive Painting Explore how painters sometimes use paint in an expressive and gestural way. Explore colour mixing and experimental mark making to create abstract still lifes.</p>	<p>Dance Gymnastics Ball Skills (Invasion Games) - Football</p>	<p>Textiles Focus Templates and joining techniques Project: Safety Jacket Understand how simple 3-D textile products are made, using a template to create two identical shapes. Understand how to join fabrics using different techniques e.g. running stitch, glue, over stitch, stapling.</p>	<p>Jewish Beliefs & The Passover Celebration Talk about how a mezzuzah reminds Jews about God Ask good questions about how Jewish artifacts are used and their meaning Give some examples of what Jewish people might do to celebrate Shabbat</p>	<p>Dreams & Goals -Realistic goals -Perseverance -Group cooperation Healthy Me -Motivation -Relaxation -Healthy eating & nutrition</p>
3	<p>Measurement: Length - cm and m Mass - g and kg Volume - ml and l Money - £ and p Time - Hours, minutes & seconds</p>	<p>Materials - Rocks & Soils Igneous, sedimentary and metamorphic rocks Soil composition Fossils</p>	<p>Rivers & Waterways of the UK Describe and understand key aspects of: physical geography to do with water in our atmosphere or on earth, including: rivers and the water cycle</p>	<p>Ancient Britons - Celtic Settlements British Focus: Settlements, customs, technology, homes and building, significant individuals How did the first Britons live on this island? Where did they settle and why? How did they build their homes? What was daily life like? How do we know?</p>	<p>Sequencing sounds Creating sequences in a block-based programming language to make music.</p> <p>Branching databases Building and using branching databases to group objects using yes/no questions.</p>	<p>Vocabulary & Grammar Talk about the musical instruments you play; plurals; use action verbs in the positive and negative forms; use simple conjunctions (and/but)</p>	<p>Compos Using Your Imagination Finding sounds that represent the story you want to tell</p>	<p>Telling Stories Through Making Explore how artists are inspired by other art forms – in this case how we make sculpture inspired by literature Cloth, Thread, Paint Explore how artists combine media to create work in response to landscape. Use acrylic and thread to make a painted and stitched piece.</p>	<p>Dance Gymnastics Invasion Games - Football</p>	<p>Textiles Focus 2-D shape to 3-D product: Money Containers Know how to strengthen, stiffen and reinforce existing fabrics. Understand how to securely join two pieces of fabric together. Understand the need for patterns and seam allowances.</p>	<p>Festivals Make connections between stories, symbols and beliefs with what happens in at least two festivals and what matters most to believers in festivals (e.g. Easter, Eid) Identify similarities and differences in the way festivals are celebrated within and between religions</p>	<p>Dreams & Goals -Ambition -Overcoming obstacles Healthy Me -Exercise -Online safety -Respecting others -Safe choices</p>
4	<p>Further Multiplication and Division (cont.) - written methods for division - x and ÷ word problems Graphs Fractions - mixed numbers and improper fractions - equivalent fractions - add and subtract Time Decimals</p>	<p>Sound What are vibrations? What is pitch and how can it be changed? What is amplitude?</p> <p>Materials - States of Matter Introduction to properties of solids, liquids and gases.</p>	<p>Angry Earth Describe and understand key aspects of physical geography, including: mountains, Tectonic Plates, volcanoes and earthquakes</p>	<p>Ancient Egypt - Civilisation World Focus: Civilisations trade, social hierarchy, belief system, alphabets, rulers, succession, legacy, building, language, significant individuals Culture and significance of the Ancient Egyptians. Study Tutankhamun and Hatshepsut's significance. Visit Ashmolean museum.</p>	<p>Repetition in shapes Using a text-based programming language, explore count-controlled loops when drawing shapes. Story Graphs Create a Story Graph to demonstrate an understanding of the narrative. Online Questionnaire Create an online questionnaire</p>	<p>Vocabulary / Grammar Listen to and get the gist of a story; identify strategies for remembering new vocabulary & phrases; what you have/don't have in your pencil case</p>	<p>Ukulele Change between several chords fluently Sing and accompany songs</p>	<p>The Art of Display Explore how the way we display our work can affect the way it is seen. Exploring Still Life Explore artists working with the genre of still life, contemporary and more traditional. Create your own still life inspired artwork.</p>	<p>Dance Gymnastics Invasion Games - Football Swimming</p>	<p>Structures Focus Shell structures Project: Design/Packaging Develop and use knowledge of how to construct strong, stiff shell structures. Develop and use knowledge of nets of cubes and cuboids and, where appropriate, more complex 3D shapes.</p>	<p>Jesus As A Leader Make connections between some of Jesus' teachings and the way Christians live today Describe how Christians celebrate Holy Week and Easter Sunday Give simple definitions of some key Christian terms (e.g. gospel, incarnation, salvation)</p>	<p>Dreams & Goals -Working together -Resilience Healthy Me -Friendships -Smoking & Alcohol -Peer pressure</p>
5	<p>-Fractions Compare, order, + - x -Decimals Compare, order, add, subtract and multiply -Decimals -Percentage -Geometry - measuring angles & 2D shape</p>	<p>Materials - Mixing and Separating + Properties and Changes How are solutions formed? What is a solute? What happens when materials dissolve? How can materials be separated from mixtures? Reversible and irreversible changes.</p>	<p>North American Continent Human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water. Locational Geography of place: countries, seas, mountains and deserts.</p>	<p>The Reign of Queen Elizabeth II Social History Rulers, kingdom, monarchy, customs, invasion, significant individuals, legacy How has life in Britain changed during the reign of Elizabeth II?</p>	<p>Selection in physical computing Exploring conditions and selection using a programmable microcontroller. Flat-file databases Using a database to order data and create charts to answer questions. Google Sheets Create a spreadsheet to perform calculations</p>	<p>Vocabulary and Grammar Describing your home and what rooms you have/don't have; creating longer written/spoken passages; say what you are wearing for different weather conditions; describe clothes</p>	<p>Melody and Harmony in Music Explore voices that sing melodies and the instruments that add harmonies</p>	<p>Set Design Explore creating a model set for theatre or animation inspired by poetry, film, prose or music. Mixed Media Land & City Scapes Explore artists working with a variety of media to capture spirit of the place.</p>	<p>Dance Gymnastics Invasion Games - Netball - Tag Rugby Swimming</p>	<p>Food Focus Celebrating culture and seasonality Project: Know how to use utensils and equipment including heat sources to prepare and cook food. Understand about seasonality in relation to food products and the source of different food products</p>	<p>Christian Values Outline Jesus' teaching of how his followers should live Offer interpretations of two of Jesus' parables and say what they might teach Christians Explain the impact Jesus' example and teachings might have on Christians today</p>	<p>Dreams & Goals -The future -Jobs & careers -Supporting others Healthy Me -Smoking & Alcohol -Body image -Healthy choices</p>
6	<p>Ratio Algebra Area and Perimeter Volume Geometry - Properties and Shapes - Position and Movement Graphs and Averages Negative Numbers</p>	<p>Evolution & Inheritance How did animals evolve? What is natural selection? Living Things- Habitats Classification of animals Microorganisms and uses Light (2) Primary colours of light Splitting white light into spectrum and rainbows NB - in 2023-24 Y6 will follow the Y5 Curriculum in Science.</p>	<p>Antarctica The world's oceans: tracing Shackleton's journey south. Climate change, glaciation, ice land & sea, weather and climate of a polar region, tourism, governance</p>	<p>Industrial Revolution & Local History (Reading) British Focus: Social History technology, significant individuals, trade, legacy What was the industrial revolution? Why did it happen in Britain first? How did the changes affect the town of Reading? NB - in 2023-24 Y6 will follow the Y5 Curriculum in History.</p>	<p>Variables in games Exploring variables when designing and coding a game. Introduction to spreadsheets Answering questions by using spreadsheets to organise and calculate data.</p>	<p>Vocabulary and Grammar Ask and answer the time; say what you do at the weekend and at what time; use some connectives; Decode/read texts; countries and languages linked to WW2; city and country life linked to WW2;</p>	<p>Music and Technology Mixing live and digital sounds and developing music production skills</p>	<p>Brave Colour Exploring how artists use light, form and colour to create immersive environments. Exploring Identity Discover how artists use layers and juxtaposition to create artwork which explores identity. Make your own layered portrait.</p>	<p>Dance Gymnastics Invasion Games - Netball - Tag Rugby</p>	<p>Mechanical system Focus: Cams Project: Moving Toy Understand that mechanical systems have an input, process and an output. Understand how cams can be used to produce different types of movement and change the direction of movement.</p>	<p>Christians and Humanists Describe what Christians mean about humans being made in the image of God and being 'fallen', giving examples Simply describe some Christian and Humanist values Suggest reasons why it might be helpful to follow a moral code and why it might be difficult, offering different points of view</p>	<p>Dreams & Goals -Types of Goals -Motivation -Recognition Healthy Me -Taking responsibility -Drugs -Mental Health</p>

	Year	MATHS	SCIENCE	GEOGRAPHY	HISTORY	COMPUTING	LANGUAGES	MUSIC	ART	PE	DT	RE	PSHE
	1	<p>Numbers to 100</p> <p>Time</p> <p>Money</p> <p>Volume & Capacity</p> <p>Mass</p> <p>Space</p>	<p>Plants</p> <p>What do plants need to grow? Are all plants green?</p>	<p>Our Local Area</p> <p>Boundaries (localities)</p> <p>cartography (alases, directions, distance, maps, scale, symbols) change (adaptation)</p> <p>movement (transport)</p> <p>settlements (rural and urban areas). What features are in our local area? Why did Whitlurch grow?</p>	<p>The History of Communication</p> <p>Changes within living memory: How has the way people send messages changed? How do people find out news? How can we find out what is happening in different places? How has that changed?</p>	<p>Digital writing</p> <p>Using a computer to create and format text, before comparing to writing non-digially.</p> <p>Programming animations</p> <p>Designing and programming the movement of a character on screen to tell stories.</p>	<p>Not taught at KS 1</p>	<p>Learning to Listen</p> <p>Listening to music with your ears, eyes and body</p> <p>Having fun with improvisation</p> <p>Creating new melodies and rhythms</p>	<p>Making Birds</p> <p>Sculptural project beginning with making drawings from observation, exploring media, and transforming the drawings from 2d to 3d to make a bird.</p> <p>Inspired by Flora & Fauna</p> <p>Explore how artists make art inspired by flora and fauna. Make collages of MiniBeasts and display as a shared artwork.</p>	<p>Ball Skills (Striking and Fielding)</p> <ul style="list-style-type: none"> - Cricket - Rounders <p>Ball Skills (Net Games)</p> <ul style="list-style-type: none"> - Tennis <p>Outdoor and Adventurous Activities</p>	<p>Structures Focus : Freestanding structures</p> <p>Project: Playgrounds Know how to make freestanding structures stronger, stiffer and more stable.</p>	<p>Belonging</p> <p>Recognise and name some symbols of belonging from their own experience, for Christians and at least one other religion, suggesting what these might mean and why they matter to believers.</p> <p>Give an account of what happens at a traditional Christian infant baptism (dedication) and suggest what the actions and symbols mean</p>	<p>Relationships</p> <ul style="list-style-type: none"> -Family -Being a good friend -Celebrating relationships <p>Changing Me</p> <ul style="list-style-type: none"> -Life cycles in nature -Changes from birth -Coping with change
	2	<p>Money</p> <p>2D & 3D shape</p> <p>Fractions</p> <p>Time</p> <p>Volume</p>	<p>Plants</p> <p>Planting seeds and beans</p> <p>Cress seeds - grow quicker inside or outside</p>	<p>Our World - Global Awareness</p> <p>boundaries (continents, localities, nations)</p> <p>cartography (atlases, directions,maps, scale, symbols)</p> <p>resources (energy, food supply, infrastructure)</p> <p>study contrasting locality to UK</p> <ul style="list-style-type: none"> - Weather - Everyday life in another country 	<p>Royal Residences</p> <p>Significant historical events, people and places in their own locality</p> <p>Castles in local area, why did some develop and some become derelict. Visit Oxford and/or Windsor castles.</p>	<p>Making music</p> <p>Using a computer as a tool to explore rhythms and melodies, before creating a musical composition.</p> <p>Programming quizzes</p> <p>Designing algorithms and programs that use events to trigger sequences of code to make an interactive quiz</p>	<p>Not taught at KS 1</p>	<p>Recognising Different Sounds</p> <p>Exploring different instruments and harmony</p> <p>Exploring Improvisation</p> <p>Improvise independently using 2 or 3 notes.</p>	<p>Stick Transformation Project</p> <p>Explore how you can transform a familiar object into new and fun forms.</p> <p>Music & Art</p> <p>Explore how we can make art inspired by the sounds we hear.</p>	<p>Ball Skills (Striking and Fielding)</p> <ul style="list-style-type: none"> - Cricket - Rounders <p>Ball Skills (Net Games)</p> <ul style="list-style-type: none"> - Tennis <p>Outdoor and Adventurous Activities</p>	<p>Focus Food: Freestanding vegetables Project: Picnic Salad</p> <p>Understand and use basic principles of a healthy and varied diet to prepare dishes, including how fruit and vegetables are part of The eatwell plate</p>	<p>Caring</p> <p>Re-tell Bible stories and stories from another faith about caring for others and the world.</p> <p>Identify ways that some people make a response to God by caring for others and the world</p> <p>Talk about issues of good and bad, right and wrong arising from the stories</p>	<p>Relationships</p> <ul style="list-style-type: none"> -Different families -Friendships & secrets -Trust <p>Changing Me</p> <ul style="list-style-type: none"> -Life cycles in nature -Transition to old -Young
	3	<p>Bar graphs</p> <p>Fractions</p> <p>Angles & lines</p> <p>Perimeter</p>	<p>Light</p> <p>Light travels and shadows</p> <p>Plants</p> <p>Water transported within plants</p> <p>Pollination, seed dispersal</p> <p>Different parts of the plant</p>	<p>UK & GB - Major Cities</p> <p>Name and locate counties and cities of the United Kingdom, & know difference between UK and GB and geographical regions and their identifying human and physical characteristics.</p>	<p>The Romans in Britain</p> <p>Legacy, world civilisations</p> <p>trade, social hierarchy, belief system, afterlife, rulers, succession, legacy, invasion, technology, homes and building, language, entertainment</p> <p>When and why did the Romans invade Britain? What is their legacy?</p>	<p>Desktop publishing</p> <p>Creating documents by modifying text, images, and page layouts for a specified purpose.</p> <p>Creating a 360 Image</p> <p>Create a 360 image using Keynote.</p> <p>Events and actions in programs</p> <p>Writing algorithms and programs that use a range of events to trigger sequences</p>	<p>Vocabulary / Grammar</p> <p>Ask for different flavour ice creams;</p> <p>Ask and answer what fruits you like/don't like; spellings;</p> <p>'French café'</p>	<p>Enjoying Improvising</p> <p>Exploring the structure of songs and improvising through recognising patterns.</p>	<p>Making Animated Drawings</p> <p>Explore how to create simple moving drawings by making paper 'puppets' and animate them using tablets.</p> <p>Using Natural Materials to Make Images</p> <p>Using natural pigments and dyes from the local environment to make art. Exploring Cyanotype and Anitotype</p>	<p>Striking and Fielding</p> <ul style="list-style-type: none"> - Cricket - Rounders <p>Net Games</p> <ul style="list-style-type: none"> - Tennis <p>Outdoor and Adventurous Activities</p>	<p>Focus : Levers and linkages</p> <p>Project: Moving card</p> <p>Understand and use lever and linkage mechanisms. Distinguish between fixed and loose pivots</p>	<p>The Bible</p> <p>Make connections between stories in the Bible and what Christians believe about creation, the Fall and salvation. Give examples of how and suggest reasons why Christians use the Bible today. Discuss their own and others' ideas about why humans do bad things and how people try to put things right</p>	<p>Relationships</p> <ul style="list-style-type: none"> -Family roles -Awareness of others' lives <p>Changing Me</p> <ul style="list-style-type: none"> -How babies grow -Inside/outside changes -Family stereotypes -Preparing for change
	4	<p>Money</p> <p>Mass, Volume and Length</p> <p>Area of Figures</p> <p>Geometry</p> <p>Position and Movement</p> <p>Roman Numerals</p>	<p>Living Things- Habitats</p> <p>Classification of animals</p> <p>How are animals and plants sorted?</p>	<p>European Island Countries</p> <p>What is a country? Locate the world's countries, using maps to focus on Europe's countries (including Russia) and its smaller islands, concentrating on their environmental regions, key physical and human characteristics, land use, and major cities</p> <p>St Kilda</p>	<p>Wikings - Invaders</p> <p>Conflict & resolution</p> <p>belief system, afterlife, rulers, succession, legacy, customs, invasion</p> <p>Reasons for the invasion and how Alfred negotiated peace in the kingdoms (Danelaw)</p> <p>Viking settlements and legacy.</p>	<p>Photo editing</p> <p>Manipulating digital images</p> <p>Repetition in games</p> <p>Using a block-based programming language to explore count-controlled and infinite loops when creating a game.</p> <p>Selection in quizzes</p> <p>Exploring selection in programming to design and code an interactive quiz.</p>	<p>Vocabulary / Grammar</p> <p>Use a wide variety of food and drink vocabulary to order food and drink; prepare & perform a role play; ask and answer what the weather is like; use a French map to describe the weather;</p> <p>'French café'</p>	<p>Ukulele</p> <p>Learn further chords and make decisions about arranging songs</p> <p>Hold a final performance</p>	<p>Sculpture, Structure, Inventiveness & Determination</p> <p>What can artists learn from nature?</p> <p>Festival Feasts</p> <p>How might we use food and art to bring us together?</p>	<p>Striking and Fielding</p> <ul style="list-style-type: none"> - Cricket - Rounders <p>Net Games</p> <ul style="list-style-type: none"> - Tennis <p>Outdoor and Adventurous Activities</p>	<p>Focus : Pneumatics</p> <p>Project : Moving Monsters</p> <p>Understand and use pneumatic mechanisms.</p>	<p>Journeys</p> <p>Suggest why some people see life as a journey and identify some of the key milestones on this journey</p> <p>Suggest reasons why marking the milestones of life are important to Christians, Hindus and/or Jewish people. Link up some questions and answers about how believers show commitment to their religion.</p>	<p>Relationships</p> <ul style="list-style-type: none"> -Jealousy -Getting on/falling out -Girl/Boyfriends <p>Changing Me</p> <ul style="list-style-type: none"> -Body image -Puberty -Respect & Consent
	5	<p>-Position & Movement</p> <p>-Translations</p> <p>-Converting decimal measurements</p> <p>-Area & Perimeter</p> <p>-Volume</p> <p>-Roman Numerals</p>	<p>Animals including Humans</p> <p>Changes from birth to old age in animals and humans (linked to PSHE)</p> <p>Living things/Habitats</p> <p>Life cycles of different animals and plants</p>	<p>Global Trade</p> <p>What is trade? Could we live without trade? How did trade develop to become global? Where do goods we trade go and goods we buy come from? Fairtrade</p> <p>What is the UK's place in global trade?</p>	<p>A British History of Crime & Punishment</p> <p>British Focus</p> <p>British Social History</p> <p>rulers, kingdom, monarchy, customs, significant individuals, technology.</p> <p>How have crimes and their punishments have changed over time and why?</p>	<p>Vector drawing</p> <p>Creating images in a drawing program by using layers and groups of objects.</p> <p>Sensing</p> <p>Designing and coding a project that captures inputs from a physical device.</p> <p>Selection in quizzes</p> <p>Exploring selection in programming to design and code an interactive quiz.</p>	<p>Vocabulary and Grammar</p> <p>Say what sports you do/don't play; link this to ancient and modern Olympic games; say which plants and animals live in different habitats; say what is needed to survive in different habitats;</p> <p>'French café'</p>	<p>Samba</p> <p>Rhythm and pulse</p> <p>Ensemble skills</p> <p>Playing African and South African rhythms on samba drums</p>	<p>Architecture: Dream Big or Small?</p> <p>Explore the responsibilities architects have to design us a better world. Make your own architectural model.</p> <p>Fashion Design</p> <p>Explore contemporary fashion designers and create your own 2d or 3d fashion design working to a brief.</p>	<p>Striking and Fielding</p> <ul style="list-style-type: none"> - Cricket - Rounders <p>Net Games</p> <ul style="list-style-type: none"> - Tennis <p>Investment Games</p> <ul style="list-style-type: none"> -Dodgeball 	<p>Electrical systems Focus</p> <p>More complex switches and circuits</p> <p>Project: Alarms</p> <p>Understand and use electrical systems in their products. Apply their understanding of computing to program, monitor and control their products.</p>	<p>Muslim Beliefs</p> <p>Make connections between Muslim practice of the Five Pillars and their beliefs about God and the Prophet Muhammad</p> <p>Describe and reflect on the significance of the Holy Qur'an to Muslims</p> <p>Make connections between the key functions of the mosque and the beliefs of Muslims</p>	<p>Relationships</p> <ul style="list-style-type: none"> -Mental Health -Self Esteem -Online Safety <p>Changing Me</p> <ul style="list-style-type: none"> -Body image -Puberty -Coping with Change
	6	<p>Geometry</p> <ul style="list-style-type: none"> - Properties and Shapes - Position and Movement <p>Graphs and Averages</p>	<p>Electricity</p> <p>Number of bulbs impacting brightness</p> <p>Describe and understand key aspects of.</p> <p>How mountains are formed and their effect on weather. How are they are homes for wildlife and how they are used for tourism.</p> <p>*NB during 2023-24 Y6 will follow the Y5 Curriculum in Science</p>	<p>Mountain Environments of South America</p> <p>Classify animals</p> <p>What is trade? Could we live without trade? How did trade develop to become global? Where do goods we trade go and goods we buy come from? Fairtrade</p> <p>What is the UK's place in global trade?</p>	<p>Ancient Mayans - Civilisation</p> <p>British Focus</p> <p>British Social History</p> <p>trade, social hierarchy, belief system, afterlife, rulers, succession, legacy, language</p> <p>Where and when did the Mayans exist? What is their legacy? How do we know about them?</p>	<p>3D modelling</p> <p>Planning, developing, and evaluating 3D computer models.</p> <p>Microbit: Get off my Stuff</p> <p>Design and code a simple alarm</p> <p>Microbit: Sensing</p> <p>Design and code a program using temperature or light sensor</p> <p>Heart Rate Monitor</p> <p>Design and code a prototype of a heart rate monitor.</p>	<p>Vocabulary and Grammar</p> <p>Using Viking times as a topic, focus, describe yourself using interesting adjectives; use verbs to be and to have; describe a daily routine; the Francophone world; festivals; how we are all different and yet the same; protecting the planet;</p> <p>'French café'</p>	<p>Samba</p> <p>Rhythm and pulse</p> <p>Developing an understanding of how the rhythms in Samba work together.</p> <p>Follow musical directions.</p>	<p>Take a Seat</p> <p>Explore how craftspeople and designers bring personality to their work.</p> <p>Shadow Puppets</p> <p>Explore how traditional and contemporary artists use cutouts and shadow puppets.</p>	<p>Striking and Fielding</p> <ul style="list-style-type: none"> - Cricket - Rounders <p>Net Games</p> <ul style="list-style-type: none"> - Tennis <p>Investment Games</p> <ul style="list-style-type: none"> -Dodgeball 	<p>Textiles Focus</p> <p>Combining different fabric shapes & CAD</p> <p>Project: Toy, Pencil case or Lunchbox</p> <p>A 3-D textile product can be made from a combination of accurately made pattern pieces, fabric shapes and different fabrics.</p> <p>Fabrics can be strengthened, stiffened and reinforced where appropriate.</p>	<p>Expressing Religion</p> <p>Describe how make connections between examples of religious creativity (buildings and art)</p> <p>Show understanding of the value of sacred buildings and art</p> <p>Suggest reasons why some believers see generosity and charity as more important than buildings and art</p>	<p>Relationships</p> <ul style="list-style-type: none"> -Love & Loss -Online Safety <p>Changing Me</p> <ul style="list-style-type: none"> -Body image -Conception -Respect & Consent