

# Whole School Curriculum Overview 2020-2021



		Autumn		Spring	Summer	
<b>Science</b>	Y3	Food and our bodies Animals, including humans	Opposites attract Forces and Magnets	Earth rock! Rocks	How does your garden grow? Plants	Mirror, mirror Light
	Y4	Power it up! Electricity	What's that sound? Sound	You are what you eat. Animals, including humans	Water. water everywhere. States of matter	Animal Explorers Living things and their habitats
	Y5	Out of this world Earth and Space	Material World Properties and change of material	Let's get moving Forces	Circle of life Living things and their habitats	Growing up and growing old Animals, including humans
	Y6	We're evolving Evolution and Inheritance	Classifying Critters Living things and their habitats	Staying alive Animals including humans	Electrifying! Electricity	Let it shine Light
<b>History</b>	Y3	Who were Britain's first builders? Changes in Britain Stone Age to Iron Age.		Why did the Ancient Egyptians build pyramids? An introduction to the Egyptians and their achievements.	How have the Greeks shaped my world? Ancient Greece; achievements and influence.	
	Y4	Why did the Romans march through County Durham? A local History study into Roman influences.		What was daily life like for Romans? The Roman Empire and its impact on Britain	What happened when the Romans left Britain? Britain's settlement by the Anglo Saxons and Scots.	
	Y5	Were the Vikings really vicious? The Viking and Anglo Saxon struggle for England in 1066.		Who was making history in faraway places in the year 1000AD? Non-European society that provides contrast to British history.	What happened in the past in my local area? Looking at the historic local environment to further develop a range of skills.	
	Y6	What's in a name? A local History study into WW1 war memorials.		How has crime and punishment changed over time? The influence and impact of changes in crime and punishment.	What has changed since the Romans left? Entertainment and its influence on modern life.	
<b>Geography</b>	Y3	Is the UK the same everywhere?		Why do we have cities?	Why is the North East special?	
	Y4	What can we discover about Europe?		Why does Italy shake and roar?	What does my local coast look like?	
	Y5	What shapes my world?		Where could the journey take us?	Where has my food come from?	
	Y6	What are the functions of a forest?		What do we have in common with São Paulo?		
<b>Computing</b>	Y3	Online Safety – Kara, Winston and the SMART crew Programming Big Trak and Drawing with Scratch Digital Photography Using Google maps		Online Safety – Sites I Like and PEGI ratings Creating an animation in Scratch Introducing PowerPoint Using email and Office 365	Online Safety - Device Free Moments and How Technology makes you feel Telling Jokes in Scratch Collecting Data in Excel	
	Y4	Online Safety – Personal Information and Net Nasties Programming microbits and responding to inputs Computer Networks and the internet Using Digimaps to investigate counties in England		Online Safety - Cyberbullying and The Power of Words Building a maze game in Scratch Collecting weather data and graphing results	Online Safety – Fake News and Spoof Sites Balancing Online and offline life Creating Non-linear PowerPoints using hyperlinks Understanding URLs	
	Y5	Online Safety – Free to be Me and Creating Strong Passwords Using Devices to control a physical system Bebras Challenge Budgeting for a party using Excel		Online Safety – Creating Collaborative PowerPoints and using timers Creating digital Art with Scratch How Computers sort data Blogging in SharePoint	Online Safety – Body Image and Photo editing My Media Choices Filming a promo video for school	
	Y6	Online Safety – Creating a Balance between screen time and real life Are you living an Insta lie? What will this code do? Programming an educational game for younger children Using online databases to plan and cost a holiday		Online Safety – Digital Superheroes and risks from your mobile phone Creating a Comic Strip Sending Information via Data Packets Planning and creating an app using POP	Online Safety – Oversharing and Your Digital Footprint What does my avatar say about me? Beyond Gender Stereotypes Making a step counter with a Microbit Digital Art – creating a collaborative exhibition	
<b>RE</b>	Y3	How do Hindus worship? How and why is Advent important to Christians? <i>(Please note: the new 2020 RE syllabus is currently being developed)</i>		What can we learn about Christian symbols and beliefs by visiting churches? What do Christians remember on Palm Sunday? <i>(Please note: the new 2020 RE syllabus is currently being developed)</i>	What do Hindus believe and how does this affect the way they live their lives? <i>(Please note: the new 2020 RE syllabus is currently being developed)</i>	
	Y4	How and why do religious people show care for others? Why do Christians call Jesus the light of the world?		What do Christians believe about Jesus? Why is Lent such an important period for Christians?	What do Christians believe about God? <i>(Please note: the new 2020 RE syllabus is currently being developed)</i>	

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	Y5	What do Sikhs believe and how are these beliefs expressed? What are the themes of Christmas? <i>(Please note: the new 2020 RE syllabus is currently being developed)</i>	What do we know about the Bible and why is it important to Christians? Why is the Last Supper so important to Christians? <i>(Please note: the new 2020 RE syllabus is currently being developed)</i>	What can we learn about Christian faith through studying the lives of Northern Saints? Why should people with a religious faith care about the environment? <i>(Please note: the new 2020 RE syllabus is currently being developed)</i>
	Y6	What is religion? What concepts do religions have in common? What do the gospels tell us about the birth of Jesus? <i>(Please note: the new 2020 RE syllabus is currently being developed)</i>	Why do people use ritual in their lives? Why are Good Friday and Easter Day the most important days for Christians? <i>(Please note: the new 2020 RE syllabus is currently being developed)</i>	So, what do we now know about Christianity? (Bridging unit) <i>(Please note: the new 2020 RE syllabus is currently being developed)</i>
<b>PE</b>	Y3	Fundamental skills Invasion Games Dance	Invasion Games Gymnastics Dance Outdoor Adventurous Activity	Net & Wall Games Striking & Fielding Games Athletics
	Y4	Dance Outdoor Adventurous Activity Gymnastics Swimming	Net & Wall Games Invasion Games Swimming	Striking & Fielding Games Athletics Swimming
	Y5	Fundamental skills Invasion Games Gymnastics Swimming (catch up)	Dance Net & Wall Games Dance	Invasion Games Outdoor Adventurous Activity Striking & Fielding Games Athletics
	Y6	Fitness and Fundamental skills Dance Swimming (catch up)	Gymnastics Invasion Games	Striking & Fielding Games Outdoor Adventurous Activity Athletics
<b>DT</b>	Y3	Textiles: Juggling Balls Pupils will be designing, creating and evaluating different juggling balls.	Food & Nutrition: The Great Bread Bake off Pupils will gain an insight into the history of bread production, then investigate and evaluate existing bread products.	Structure & Computing: Crumble Pupils will be exploring and using computing (Crumble) within their product.
	Y4	Electricity: Battery Operated Lights Pupils will apply their knowledge and understanding of series and parallel circuits and different types of switches by designing and making a battery operated light.	Mechanisms: Mechanical Posters Pupils will develop their understanding of mechanical systems.	Food & Nutrition: Edible Garden Pupils will learn where and how a variety of ingredients are grown.
	Y5	Computing: Programming Adventures Pupils will apply their understanding of computing to program a floor robot.	Structures: Marvellous Structures Pupils will develop their understanding of more complex free standing structures and how they can be strengthened and reinforced.	Food & Nutrition: Global Food Pupils will discover the exciting and diverse choice of food available around the world.
	Y6	Textiles: Felt Phone Cases Pupils will design products with the user in mind thinking about aesthetics and functionality.	Structure: Shelters Pupils will look at structures on a small scale and a large scale.	Food & Nutrition: Super Seasonal Cooking Pupils will learn where, when and how a variety of ingredients are grown, reared, caught and processed.
<b>Art</b>	Y3	Colour and Collage Being able to use and mix primary and secondary colours to create shades and tones.	Drawing: Architecture Understanding the role of an architect whilst exploring building shapes and designs.	Printing: Cultural art Using different cultures, primarily India and Hinduism, to explore printing and colour.
	Y4	Drawing: Salvador Dali Using Salvador Dali's techniques to explore 'warm' and 'cold' colours and recreate a famous portrait.	Sculpture: Imaginary worlds Using the setting of a class novel as a starting point to create a 'world' using sculpture techniques such as folding, cutting, rolling and curving.	Textiles: Batik An exploration of applying coloured dyes and wax on to fabric to create work linked to class novel in English.
	Y5	Painting: Pointillism To understand and replicate the technique of pointillism whilst researching both George Seurat and modern artists using pointillism.	Sculpture: Cornelia Parker An exploration of female sculptor, Cornelia Parker with an in depth study of the famous piece 'Thirty Pieces of Silver' where children will learn to mould and shape different materials.	Textiles: Embroidery To understand what the term embroidery means and to create own work using a variety of stitch techniques.
	Y6	Drawing Portraits: Claudio Parentela Practising sketching techniques whilst thinking about size and proportions to create portraits before moving on to looking at surreal and abstract portraiture.	Natural Sculpture: Andy Goldsworthy Using a famous sculptor as a starting point to create own sculptures using natural resources and recycled materials.	Paint and printing: Pitman Painters A local art study in to pitman painters Norman Cornish and Tom McGuinness with an emphasis on artist resources and printing. Etching and printing techniques will be taught through an educational visit.
<b>Music</b>	Y3	Three Little Birds Listen, sing and begin to appraise reggae style of music whilst finding the beat and pulse.	Bringing us together Listen, sing and appraise disco style of music whilst finding the beat and pulse. Begin to identify the different sections of a song.	Let Your Spirit fly Listen, sing and appraise R&B style of music. Begin to find similarities and differences between songs they have studied. Know the sections of songs and how these can be put together.
	Y4	Lean on me Listen, sing and appraise soul / gospel style of music. Begin to play a musical instrument as a group / whole class.	Blackbird Listen, sing and appraise pop style of music. Begin to play musical notes C and D progressing onto note E. Performing and sharing as a whole class.	Three Note Bossa and The Five Note Swing Listen and appraise jazz music styles. Learn to play the tune, introduce improvisation (5 note pattern) and perform the piece.
	Y5	Don't Stop Believing Listen, sing and appraise a variety of rock style music. Identifying similarities and differences. Begin to understand music notation.	Make you feel my love Listen, sing and appraise a variety of ballads. Deeper understanding of music notation (both treble and bass clef). Compose a simple melody using simple rhythms (notes C, D + E or C, D, E, F + G).	Plastic Listen, sing and appraise a variety of hip-hop music. Composition: rhyming couplets, chorus, verse and bridge. Performing using a wide range of percussion instruments.
	Y6	Soundscape story map Using a range of instruments to compose rhythms following specific note patterns. Appraise and develop these rhythms to create a soundscape story map.	Dancing in the street Listen, sing and appraise a variety of Motown songs. Demonstrating a deeper understanding of musical vocabulary. Singing in unison and in tune.	It's show time! Listen, sing and appraise a variety of songs that will be performed in the end of year production. Making comparisons and presenting opinions using musical vocabulary. Singing in unison and in tune and performing with confidence to a large audience.

<b>French</b>	Y3	Tout sur moi – All about me	Qu'est-ce que j'aime - What do I like?	Les animaux - Animals
	Y4	La Nourriture - Food	Les sports - Sports	Le Corps – The Body
	Y5	Ma Maison - My home	Decrire les gens - Describing people	En vacances - Holidays
	Y6	Une excursion scolaire - A school trip	Les Saisons - The seasons	L'environnement - The environment