



	Autumn	Spring	Summer
Science	<p>Electricity The brightness of a bulb is affected by voltage or number of cells. Compare and give reasons for components function in a circuit. Use electrical symbols. (link with DT controllable vehicles)</p> <p>Animals, including humans Identify and name main parts of circulatory system. Recognise impact of diet, drugs, exercise and life on the body Describe how food and nutrients are transported through the body. (link with PSHE)</p>	<p>Evolution and Inheritance Recognise living things have changed over time and produce offspring similar but not identical to their parents. Identify how living things have adapted to their environment (link with English - biography)</p> <p>All living things How living things are classified (microorganisms, plants and animals) Give reasons for classification. (link with computing)</p>	<p>Light Recognise that it appears to travel in straight lines. Explain how we see objects as they give out light or reflect it into our eyes. Explain why shadows have the same shape as the object that cast them.</p>
Computing	<p>Multimedia - Apps App Prototype - Design and make an app prototype that links multimedia pages with hyperlinks. Edit pictures, remove backgrounds and merge photos. Understand purpose and audience.</p> <p>Computer Networks HTML - Understand what HTML is and recognise HTML tags.</p> <p>Online safety - Managing Online Information Privacy and Security Copyright and Ownership</p>	<p>Multimedia - Sound Podcasting Experiment with live loops to create a song, edit sound effects for a purpose. Write and record a script, combine digital images, sound and text to create a final piece.</p> <p>Programming Everyone can code (Swift Playgrounds) Write code with repetition using 'for loops', variables and conditions.</p> <p>Online safety Online Bullying Online reputation Online relationships Talking safely online - making friends online (PSHE)</p>	<p>Multimedia - Video Creation Create a video using a range of media - greenscreen, animations, film and image. Critically evaluate their work.</p> <p>Programming- Microbits Design and create more complex programs using sequence, repetition, selection and variables appropriately. Recognise and make use of patterns in code.</p> <p>Online safety Self-image and identity Health, well-being and lifestyle</p>
History	<p>Ancient Egypt Place earliest civilisation on a timeline and compare to wider world. Place the ancient Egyptian on time line. Demonstrate knowledge of life in ancient Egypt (compare to another time in history). Use a combination of sources & show an appreciation of possible interpretations of an event.</p>	<p>None this term</p>	<p>A Non-European society Maya civilisation. Place the civilisation on a timeline and compare to wider world. Identify key achievements of civilisation. Discuss key cities and hypothesise reason for abandonment. Explore religious beliefs and compare the legacy. Enquiry question related to comparing civilisations.</p>
Geography	<p>The geography of North America</p> <ul style="list-style-type: none"> Know what climate zones are and locate where they are in North America Locate two regions in North America and explain their differences <p>Vocabulary biomes, settlement, land use, economic activity, trade links, natural</p>	<p>Comparing a region of North America to Northern Europe</p> <ul style="list-style-type: none"> Know the physical and human geography and compare with UK, North and South America. Fieldwork Lancashire hill. Compare the life of indigenous people with lives in the UK, Europe & South America. <p>Vocabulary</p>	<p>None this term</p>

	resources, minerals- gold, Arctic and Antarctic circle, Greenwich meridian time zone, settlement, Rocky Mountain region, Alaska, territory, Klondike, Inuit, North America	Settlement, topographical features Scandinavia, Sami, climate change, tradition, indigenous, population, transport, tourism, industry, farming, biomes, contours, Northern Europe	
Art	Drawing- sustained and independent details in drawing Digital Media- MIKE BARRET Creating and manipulating digital images to create self-portraiture.	Drawing Develop techniques for different purposes Collage MARK HERLD Create a bird mobile using self-created papers.	Drawing Develop awareness of composition, scale and proportion Textiles Weaving MAYAN CRAFT Experiment with a variety of fabrics to create Mayan inspired wall art.
DT	Electrical systems Create a wooden framed vehicle powered by electricity. Linked to science. <i>Understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors].</i> <i>Apply their understanding of how to strengthen, stiffen and reinforce more complex structures.</i> <i>Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately.</i>	Food Create bread rolls and adapt recipes to support their tastes and preferences. <i>Understand and apply the principles of a healthy and varied diet.</i> <i>Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.</i> <i>Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.</i>	Food Create a healthy meal, following a recipe. <i>Understand and apply the principles of a healthy and varied diet.</i> <i>Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.</i> <i>Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.</i>
PE	Invasion games Rugby To apply attacking and defending tactics when playing a rugby type game. Evaluate and suggest ways to improve. Invasion games Hockey Play in a modified competitive game, selecting attacking tactics when playing. Gymnastics 1 & 2 Core Task - Group Dynamics To create a sequence of gymnastic actions paired and group balances. To recognise strengths and areas for improvement in their performance.	Striking & Fielding Games Rounders To bowl underarm with accuracy in a game, strike a ball with a bat and use tactics in a rounders game. Dance Earthlings Select, structure and perform their dances, demonstrating a range of skills. Dance Robin Hood To link all sequences including using props to produce a complete story dance. Net & Wall Games Badminton To use forehand/ backhand with success to score points. To use a range of tactics effectively. To evaluate theirs and others success.	Creative games Calling the Shots Apply simple attacking and defending tactics when playing an invasion type game. Athletics Core Task - 3 Run Jump Throw To take part in an athletics event and record the times, distances. To do their personal best. OAA - Competitive Orienteering To organise time and resources within a team, to encourage others to improve performance and know strengths of team mates. Striking and fielding Games Cricket Bowl a ball overarm with accuracy and consistency in a game. To apply tactics in a modified competitive game.
RE	Is life like a journey? Christianity - God How do Christians mark the 'turning points' on the journey of life? Christian rites of passage, denominational differences. Hindu Dharma Is there one journey or many? Reincarnation, Karma, the 4 ashramas.	Is life like a journey? Islam What is Hajj and why is it important to Muslims? The Ummah, Hajj. Christianity - Jesus Why do Christians believe Good Friday is 'good'? Holy Week, The Eucharist denominational differences.	Is life like a journey? Buddhism What do we mean by a 'good life'? The Buddha, The Four Noble Truths, The Eightfold path. Christianity - Church If life is like a journey, what's the destination? Salvation, Forgiveness.

PSHE	<p>KEEPING/STAYING HEALTHY: Substance use and misuse (alcohol) – <i>link with science</i></p> <p>A WORLD WITHOUT JUDGEMENT- Fundamental British Values</p> <p>BEING RESPONSIBLE: Stealing</p> <p>Money management unit 5</p> <p>Community MacMillan Coffee Morning</p> <p>First Aid</p>	<p>COMPUTING SAFETY: Making Friends Online</p> <p>KEEPING/STAYING SAFE: Cycling safety</p> <p>WORKING WORLD: Enterprise</p> <p>FEELINGS & EMOTIONS: Worry</p> <p>Money management unit 6</p>	<p>GROWING AND CHANGING: Conception</p> <p>FIRST AID- Head injuries, severe bleeding, minor burns and scalds and fractures</p>
Music	<p>Happy (neo soul influence) Variety of styles of music along theme of Happy songs Use some Notation</p> <p>Classroom jazz 2 – Jazz Latin and Blues History of Music – Jazz in it's Historical context</p>	<p>A new year carol – Classical Urban Gospel Benjamin Britten Gospel Compare and contrast to Bhangra</p> <p>You've got a friend Focus on Carole King The importance of Female Composers in popular music</p>	<p>Music and me Contemporary music and identity Explore different ways of making your own music and focus on four British contemporary artists</p> <p>Leavers' production (performing together /singing)</p>
French	<p>Ou vas tu Basic directional language Describing the weather Variety of French cities</p> <p>Cultural: Famous French people biographies</p>	<p>On mange Shopping for food Asking and answering how much something costs Talking about party activities Giving opinions about food and activities</p> <p>Cultural: Make and design own pancake recipe</p>	<p>Spanish/ German – High School Transition Ready</p>