Area of Learning	Year 3/4 Cycle One						
Topic titles	Autumn	Spring	Summer				
	Great Explorers and Adventurers	All About Chocolate	Journey Through Time				
Books	A.Becker-Return M.Jenkins-Gulliver's Travel T.Kuhlmann-Armstrong D.Pearson-Mary Anning C.Balit-Escape from Pompeii	T.Jamieson-Charlie and the Aztecs A.Paney-Cocoa Warriors	J.Wilkins-The Queen and Mr Brown S.Kitamura-The Stone Age Boy				
Enrichment opps		Cadbury World- 'Bean to Bar' Workshop- year 4 only Language Alive- Star Gazing	Fossil making and hunt				
Enrichment ideas (GEMs)	Year 3 Visit a Buddhist centre Learn to swim Take part in cycling proficiency training Play the recorder Year 4 Visit a Gurdwara Learn to play an instrument Go pond dipping Learn basic first aid Learn to e-mail Find your way with a map and compass						
Notes - possible links with English core texts	Y3 English- The Lion, The Witch and the Wardrobe Y4 English- Egyptian Explorers	Y3 English-Stig of the Dump Y4 English- BFG	Y3 English- How to train a dragon Y4 English- Jungle Book				

Geography

Key vocabulary

Key physical features:

beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather.

Key human features: city, town, village, factory, farm, house, office, port, harbour and shop.

Human Geography-

Settlements, land use, economic activity including trade links and the distribution of natural resources including energy, food, minerals and water supplies

Physical Geography-

Climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes and the water cycle.

Great Explorers and Adventures

- Geographical sources- maps, diagrams, globes, aerial photographs, Geographical Information Systems (GIS) (Y3/4)
- Locate key countries in the World (Y3/4)
- Locate major cities in the World (Y3/4)
- Locate the geographical zones of the world and understand their significance. (including latitude and longitude, Equator, Northern hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle and time zones (day and night) (Y3/4)
- Use the eight points of a compass, four figure grid references, symbols and keys (Y3/4)
- Locate the world's countries using maps. Concentrating on key human and physical characteristics (Y3)
- Describe and compare the human and physical features of an environment offering simple explanations for their locations (Y3)
- Locate places they are studying (Y3)
- Ask and respond to geographical questions giving a simple reason for their answer (Y3)
- Collect and record evidence and explain them with support (Y3)
- Use appropriate geographical vocabulary (Y3)
- Use atlases, maps and globes at a range and begin to say which they should use (Y3)
- Locate the world's countries using maps. Concentrating on key human and physical characteristics, environmental regions, countries and major cities (Y4)
- Describe where places are (location, geographical features) and begin to say why they are like they are (Y4)
- Know key topographical features (including hills, mountains, coasts and rivers) and land-use patterns of the United Kingdom (Y4)
- Describe and understand key aspects of physical geography including: rivers and mountains and the water cycle (Y4)
- Use appropriate geographical vocabulary (Y4)
- Use atlases, maps and globes at a range and say which they should use (Y4)
- Use the eight points of a compass (Y4)
- Use fieldwork to observe, measure, record and present human and physical features including sketches (Y4)
- Use secondary sources (e,g, aerial photos, texts, stories) (Y4)

All About Chocolate

- Geographical sources- maps, diagrams, globes, aerial photographs, Geographical Information Systems (GIS) (Y3/4)
- To recognise key geographical features of the countries of the UK and understand how some of these aspects have changed over time. (Name and locate counties and cities of the United Kingdom) Compare United Kingdom with chosen chocolate producing country (Y3/4)
- Locate key countries in the World (Y3/4)
- Locate major cities in the World (Y3/4)
- Understand geographical similarities and differences through the study of human and physical geography of a region or area of the United Kingdom, a region or area in a European country and a region or area within North or South America and communicate findings geographically (Y3/4)
- Locate the geographical zones of the world and understand their significance. (including latitude and longitude, Equator, Northern hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle and time zones (day and night) (Y3/4)
- Describe and understand key aspects of physical and human geography (Y3/4)
- Locate the world's countries using maps. Concentrating on key human and physical characteristics (Y3)
- Understand that aspects change over time (Y3)
- Describe and compare the human and physical features of an environment offering simple explanations for their locations (Y3)
- Identify and describe what places are like and their differences (Y3)

- Locate places they are studying (Y3)
- Describe and compare the human and physical features of an environment offering simple explanations for their locations (Y3)
- Use appropriate geographical vocabulary (Y3)
- Use atlases, maps and globes at a range and begin to say which they should use (Y3)
- Locate the world's countries using maps. Concentrating on key human and physical characteristics, environmental regions, countries and major cities (Y4)
- Know key topographical features (including hills, mountains, coasts and rivers) and land-use patterns of the United Kingdom- Look at land uses of producing countries (Y4)
- Describe where places are (location, geographical features) and begin to say why they are like they are(Y4)
- Identify and describe what places are like and how their differences affect the people living there (Y4)
- Understand geographical similarities and differences through the study of a region of the United Kingdom (Y4)
- Recognise how people can improve or damage environments and how these decisions affect the people living there (Y4)
- Explain the views that people have about environmental changes and express their own (Y4)
- Key aspects of human geography including: the distribution of natural resources including energy, food, minerals and water (Y4)
- Use appropriate geographical vocabulary (Y4)
- Use atlases, maps and globes at a range and say which they should use (Y4)
- Use secondary sources (e,g, aerial photos, texts, stories) (Y4)

Journey Through Time

- Geographical sources- maps, diagrams, globes, aerial photographs, Geographical Information Systems (GIS) (Y3/4)
- Locate key countries in the World (Y3/4)
- Locate major cities in the World (Y3/4)
- Understand geographical similarities and differences through the study of human and physical geography of a region or area of the United Kingdom, a region or area in a European country and a region or area within North or South America and communicate findings geographically (Y3/4)
- Locate the geographical zones of the world and understand their significance. (including latitude and longitude, Equator, Northern hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle and time zones (day and night) (Y3/4)
- Describe and understand key aspects of physical and human geography (Y3/4)
- Locate the world's countries using maps. Concentrating on key human and physical characteristics (Y3)
- Understand that aspects change over time (Y3)
- Describe and compare the human and physical features of an environment offering simple explanations for their locations (Y3)
- Identify and describe what places are like and their differences (Y3)
- Locate places they are studying (Y3)
- Describe and compare the human and physical features of an environment offering simple explanations for their locations (Y3)
- Use appropriate geographical vocabulary (Y3)
- Use atlases, maps and globes at a range and begin to say which they should use (Y3)
- Locate the world's countries using maps. Concentrating on key human and physical characteristics, environmental regions, countries and major cities (Y4)
- Identify and describe what places are like and how their differences affect the people living there (Y4)
- Understand geographical similarities and differences through the study of a region of the United Kingdom (Y4)
- Use appropriate geographical vocabulary (Y4)

Use atlases, maps and globes at a range and say which they should use (Y4) Use secondary sources (e,g, aerial photos, texts, stories) (Y4) History **Great Explorers and Adventures** The achievements of the earliest civilizations (Egypt, China and Aztecs) (Y3) **Information from the Essential** The Roman Empire and its impact on Britain (Y4) **Content Guidance** Link Roman Empire to this topic- How and why was the Roman army successful? Show developing understanding of placing events and objects in chronological order, divided into different periods of time (Y3/4) Recognise some similarities and differences between time periods (Y3/4) Shows understanding of dates and terms of different time periods (Y3/4) Show knowledge and understanding of main events, people and periods and placing them in different periods of time (Y3/4) Give reasoning for results of, main events and changes. (Y3/4) Recognise similarities and differences between these periods and are beginning to suggest causes and consequences of the main events and changes (Y3/4) To select and record information (Y3/4) To communicate their knowledge and understanding orally and in writing (Y3/4) **All About Chocolate** Show developing understanding of placing events and objects in chronological order, divided into different periods of time (Y3/4) Recognise some similarities and differences between time periods (Y3/4) Shows understanding of dates and terms of different time periods (Y3/4) Show knowledge and understanding of main events, people and periods and placing them in different periods of time (Y3/4) Give reasoning for results of, main events and changes. (Y3/4) Recognise similarities and differences between these periods and are beginning to suggest causes and consequences of the main events and changes (Y3/4) To select and record information (Y3/4) To communicate their knowledge and understanding orally and in writing (Y3/4) To identify some of the different ways the past, is represented (Y3/4) To make connections between different sources of information about the past (Y3/4) Select and combine information from different sources to answer questions about the past (Y3/4) The achievements of the earliest civilizations – an overview of where and when the first civilizations appeared and a depth study of one of the following: Aztecs; Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty of Ancient China (Y3) • A non-European society that provides contrasts with British history – one study chosen from: early Islamic civilization, including a study of Baghdad c. AD 900; Mayan civilization c. AD 900; Benin (West Africa) c. AD 900-1300 (Y4) **Journey Through Time** Show developing understanding of placing events and objects in chronological order, divided into different periods of time (Y3/4) Recognise some similarities and differences between time periods (Y3/4)

- Shows understanding of dates and terms of different time periods (Y3/4)
- Show knowledge and understanding of main events, people and periods and placing them in different periods of time (Y3/4)
- Give reasoning for results of, main events and changes. (Y3/4)
- Recognise similarities and differences between these periods and are beginning to suggest causes and consequences of the main events and changes (Y3/4)
- Select and combine information from different sources to answer questions about the past (Y3/4)

Whilst looking at time lines- look into;

Changes in Britain from the Stone Age to the Iron age (Y3)

This could include:

- late Neolithic hunter-gatherers and early farmers, for example, Skara Brae
- Bronze Age religion, technology and travel, for example, Stonehenge
- Iron Age hill forts: tribal kingdoms, farming, art and culture

Art

Great Explorers and Adventures

- To create sketch books to record their observations and use them to review and revisit ideas (Y3/4)
- To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example, pencil, charcoal, paint, clay) (Y3/4)
- About great artists, architects and designers in history (Y3/4)
- Develop ideas from starting points throughout the curriculum (Y3/4)
- Collect information, sketches and resources (Y3/4)
- Adapt and refine ideas a s they progress (Y3/4)
- Explore ideas in a variety of ways (Y3/4)
- Comment on artworks using visual language (Y3/4)
- Replicate some of the techniques used by notable artists, artisans and designers (Y3/4)
- Create original pieces influenced by studies of others (Y3/4)

Drawing

- Use different hardness of pencils to show line, tone and texture (Y3/4)
- Annotate sketches to explain and elaborate ideas (Y3/4)
- Sketch lightly (no need to use rubbers to correct mistakes0
- Use shading to show light and shadow (Y3/4)
- Use hatching and cross hatching to show tone and texture (Y3/4)

Painting

- Use a number of brush techniques using thick and thin brushes to produce shapes, textures, patterns and lines (Y3/4)
- Mix colours effectively (Y3/4)
- Use watercolour paint to produce washes for backgrounds then add detail (Y3/4)
- Compose using back/middle/foreground (Y3/4)
- Experiment with creating mood with colour (Y3/4)

All About Chocolate

- To create sketch books to record their observations and use them to review and revisit ideas (Y3/4)
- To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example, pencil, charcoal, paint, clay) (Y3/4)
- Develop ideas from starting points throughout the curriculum (Y3/4)
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- Adapt and refine ideas a s they progress (Y3/4)
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- Comment on artworks using visual language (Y3/4)
- Replicate some of the techniques used by notable artists, artisans and designers (Y3/4)
- Create original pieces influenced by studies of others (Y3/4)

Printing

Chn to make prints using chocolate bar wrappers

- Use layers of two or more colours (Y3/4)
- Replicate patterns observed in natural or built environments (Y3/4)
- Make printing blocks (from coiled string glued to a block) (Y3/4)
- Make precise repeating patterns (Y3/4)
- Two plus colour press printing (Y3/4)
- Screen printing with two plus colours (Y3/4)

Collage –Chn to collect chocolate wrappers and create a collage

- Select and arrange materials for a striking effect.
- Ensure work is precise.
- Use coiling, overlapping, tessellation, mosaic and montage.

Journey Through Time

- To create sketch books to record their observations and use them to review and revisit ideas (Y3/4)
- To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example, pencil, charcoal, paint, clay) (Y3/4)
- About great artists, architects and designers in history (Y3/4)
- Develop ideas from starting points throughout the curriculum (Y3/4)
- Collect information, sketches and resources (Y3/4)
- Adapt and refine ideas a s they progress (Y3/4)
- Explore ideas in a variety of ways (Y3/4)
- Comment on artworks using visual language (Y3/4)
- Replicate some of the techniques used by notable artists, artisans and designers (Y3/4)
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Drawing

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- Sketch lightly (no need to use rubbers to correct mistakes0

- Use shading to show light and shadow (Y3/4)
- Use hatching and cross hatching to show tone and texture (Y3/4)

Printing

Dinosaur skin

- Use layers of two or more colours (Y3/4)
- Replicate patterns observed in natural or built environments (Y3/4)
- Make printing blocks (from coiled string glued to a block) (Y3/4)
- Make precise repeating patterns (Y3/4)

3D/Sculpture

- Create and combine shapes to create recognisable forms (eg shapes made from nets or solid materials)
- Include texture that conveys feelings, expression or movement.
- Use clay and other mouldable materials.
- Add materials to provide interest and texture.

DT

Cooking and Nutrition:

Once per term

- Healthy snacks (fruit and veg) / food hygiene
- Where different foods come from
- Understand the need for basis food hygiene (e.g. washing hands before and after / not using food on the floor) (Y1)
- Follow safe procedures for food safety and hygiene (Y2)

Great Explorers and Adventures

Staff to use National Curriculum Guidance

All key stage 2

- Investigate /evaluate and research
- Testing and modelling products (learning skills to be used)
- Planning a WILF
- Initial ideas and designs
- Development to final design and planning (including choosing materials and skills to use)
- Making and modifying
- Evaluation
- Each point would be an individual piece of work in each child's learning journey/topic book. This can be presented in any creative way that fits the topic/project (as creative as possible) but each element should be obvious

Textiles: Make an outfit fit for an explorer

- Choose appropriate joining techniques and aesthetic versus functional (e.g. money bags)
- Learn basic stitches for joining and attaching materials
- Design and make with a purpose
- They choose appropriate tools, equipment, components and techniques to make their functional products
- They apply their knowledge and understanding of the nature of materials to cut, shape and join them with some accuracy
- Investigate a range of existing products and use to inform design criteria
- After reflecting on the design and make process and the design criteria and their products, they identify successes and some improvements
- Develop understanding of how to strengthen, stiffen and reinforce simple structures
- Being to choose and use appropriate mechanical systems for a design purpose
- Begin to use simple electrical circuits, which can be used to achieve a result that works
- Begin to use ICT to monitor and control products

All About Chocolate

All key stage 2

- Investigate /evaluate and research
- Testing and modelling products (learning skills to be used)
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- Evaluation
- Each point would be an individual piece of work in each child's learning journey/topic book. This can be presented in any creative way that fits the topic/project (as creative as possible) but each element should be obvious.

Cooking and Nutrition:

- Health (mostly) savoury snacks (e.g pizza toppings / sandwiches)- making chocolate
- Variety of cooking techniques
- Follow safe procedures for food safety and hygiene

Using and changing materials qualities

- Nets /assembling techniques / stable structures (packaging / photo frames)- chocolate wrapper/ box
- Pupils generate and develop simple ideas for purposeful, functional and appealing designs based in their investigations of products and design criteria to meet a range of different needs and users (Y3/4)
- They clarify ideas when asked and use ICT, words, annotated sketches and models to communicate the details of their designs (Y3/4)
- They think ahead about the order of their work and make realistic plans for achieving their aims (Y3/4)
- They choose appropriate tools, equipment, components and techniques to make their functional products (Y3/4)
- They apply their knowledge and understanding of the nature of materials to cut, shape and join them with some accuracy (Y3/4)
- Investigate a range of existing products and use to inform design criteria (Y3/4)
- After reflecting on the design and make process and the design criteria and their products, they identify successes and some improvements (Y3/4)
- Develop understanding of how to strengthen, stiffen and reinforce simple structures (Y3/4)
- Being to choose and use appropriate mechanical systems for a design purpose (Y3/4)
- Begin to use simple electrical circuits, which can be used to achieve a result that works (Y3/4)
- Begin to use ICT to monitor and control products (Y3/4)

Textiles -

Cocoa bean container- Consider how people from different times and places have carried their cocoa beans/ what is important? (Y3)

Journey Through Time

Staff to use National Curriculum Guidance

All key stage 2

• Investigate /evaluate and research

- Testing and modelling products (learning skills to be used)
- Planning a WILF
- Initial ideas and designs
- Development to final design and planning (including choosing materials and skills to use)
- Making and modifying
- Evaluation
- Each point would be an individual piece of work in each child's learning journey/topic book. This can be presented in any creative way that fits the topic/project (as creative as possible) but each element should be obvious.

Construction: (Y3/4)

- Electrical and mechanical components.
- Use of basic circuits including switches (torches / alarms / lighting up) / pneumatics (moving monsters) / Levers and linkages (moving stories/books)
- Pupils generate and develop simple ideas for purposeful, functional and appealing designs based in their investigations of products and design criteria to meet a range of different needs and users
- They clarify ideas when asked and use ICT, words, annotated sketches and models to communicate the details of their designs
- They think ahead about the order of their work and make realistic plans for achieving their aims
- They choose appropriate tools, equipment, components and techniques to make their functional products
- They apply their knowledge and understanding of the nature of materials to cut, shape and join them with some accuracy
- Investigate a range of existing products and use to inform design criteria
- After reflecting on the design and make process and the design criteria and their products, they identify successes and some improvements
- Develop understanding of how to strengthen, stiffen and reinforce simple structures
- Being to choose and use appropriate mechanical systems for a design purpose
- Begin to use simple electrical circuits, which can be used to achieve a result that works
- Begin to use ICT to monitor and control products

Depth: Construction- Circuits

Assessment Questions- How could I light up a cave?

Individual subject skills

		Year 3				Year 4	
Science		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Plus non-statutory	Year 3	Light	Rocks	Animals, including humans	Plants	Forces and magnets	Forces and magnets
guidance	Year 4	Animals, including humans	Animals, including humans	States of matter	Living things and their habitats	Sound	Electricity
	of study conten Asking Setting Making equipn Gather Record	 During years 3 and 4, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content: Asking relevant questions and using different types of scientific enquiries to answer them Setting up simple practical enquiries, comparative and fair tests Making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions 					
	• Using s	Identifying differences, similarities or changes related to simple scientific ideas and processes					
	flower Explored light, we how the linvestic plants Explored linvestic plants linvestic pl	y and describe the function; ing plants: roots, stem/trun e the requirements of plant vater, nutrients from soil, ar ney vary from plant to plant gate the way in which wate	k, leaves and flowers s for life and growth (aind room to grow) and r is transported within in the life cycle of	 Explore variety of Recognidangers Animals, includir Describe humans 	ise that living things ca and use classification of living things in their ise that environments is to living things ing humans e the simple functions	n be grouped in a variety keys to help group, ident local and wider environ can change and that this of the basic parts of the	ify and name a ment can sometimes pose
	seed d Animals, includ	flowering plants, including pollination, seed formation and seed dispersal Animals, including humans			 Identify the different types of teeth in humans and their simple functions Construct and interpret a variety of food chains, identifying producers, predators and prey 		
	 Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat Identify that humans and some other animals have 			 States of matter Compare and group materials together, according to whether they are solids, liquids or gases Observe that some materials change state when they are heated or cooled 			

and measure or research the temperature at which this happens in degrees

skeletons and muscles for support, protection and

		0.1: (00)
	movement	Celsius (°C)
	Rocks	
	Compare and group together different kinds of rocks on the	
	basis of their appearance and simple physical properties	Depth: Sound
	 Describe in simple terms how fossils are formed when 	Assessment Question: Debate which animal has the best hearing- a mouse or an
	things that have lived are trapped within rock	elephant?
	 Recognise that soils are made from rocks and organic 	
	matter	
	Light	
	 Recognise that they need light in order to see things and 	
	that dark is the absence of light	
	Notice that light is reflected from surfaces	
	Recognise that light from the sun can be dangerous and	
	that there are ways to protect their eyes	
	Recognise that shadows are formed when the light from a	
	light source is blocked by a solid object	
	Find patterns in the way that the size of shadows change	
	Forces and magnets	
	Compare how things move on different surfaces	
	Notice that some forces need contact between two objects,	
	but magnetic forces can act at a distance	
	Observe how magnets attract or repel each other and	
	attract some materials and not others	
	Compare and group together a variety of everyday materials on the basis of whether they are attracted to a	
	materials on the basis of whether they are attracted to a	
	magnet, and identify some magnetic materials	
	Describe magnets as having two poles	
	Predict whether two magnets will attract or repel each	
	other, depending on which poles are facing	
	Boothy Forest and Manusch	
	Depth: Forces and Magnets	
	Assessment Question: Assess if the size and shape of the magnet	
	affects the strength of the magnet?	
Computing	Autumn 1	Autumn 1
	Create an algorithm for an animated scene in the form of a	Develop an educational computer game using selection and repetition
	storyboard	Understand and use variables
	Write a program in Scratch to create the animation	Start to debug computer programs
	Correct mistakes in their animation programs	Recognise the importance of user interface design, including consideration
	Possible outcomes and Simplified /Activities- Purple mash-	of input and output
	2animate/ Coding vocab quiz – Purple mash	Possible outcomes and Simplified /Activities- Purple mash-2 Do it yourself 3D (Make

Autumn 2

- Develop a number of strategies for finding errors in programs
- Build up resilience and strategies for problem solving
- Increase their knowledge and understanding of Scratch
- Recognise a number of common types of bug in software

Possible outcomes and Simplified /Activities- Purple Mash- 2Code – free code/ De-bugging challenges

Spring 1

- Gain skills in shooting live video, such as framing shots, holding the camera steady, and reviewing
- Edit video, including adding narration and editing clips by setting in/out points
- Understand the qualities of effective video, such as the importance of narrative, consistency, perspective and scene length
- Communicating ideas using applications and devices

Assessment question: How would you create drama, comedy or romance?

Possible outcomes and Simplified /Activities- Make a film, Chn record themselves in small group project

Spring 2

- Understand the physical hardware connections necessary for computer networks to work
- Understand some features of internet protocols
- Understand some diagnostic tools for investigating network connections
- Develop a basic understanding of how domain names are converted to IP addresses

Possible outcomes and Simplified /Activities- Network investigation- Purple Mash/ Writing projects / computer hardware/ 2DIY computer hardware quiz / computer networks quiz

Summer 1

- Develop a basic understanding of how email works
- Gain skills in using email

a maze game)/ 2 DIY maths quiz / Quiz / multi choice

Autumn 2

- Design and make an on-screen prototype of a computer-controlled toy
- Understand different forms of input and output (such as sensors, switches, motors, lights and speakers)
- Design, write and debug the control and monitoring program for their toy

Possible outcomes and Simplified / Activities- *Curriculum link – Science-* Data loggers / Log boxes? Gather input/ Motorised toys/ Circuits

Spring 1

- Use one or more programs to edit music
- Create and develop a musical composition, refining their ideas through reflection and discussion
- Develop collaboration skills
- Develop an awareness of how their composition can enhance work in other media

Possible outcomes and Simplified /Activities- Create and edit music- Purple Mash- 2 Sequence; Music/ Instruments/ Sound drag/ 2 explore

Spring 2

- Understand some technical aspects of how the internet makes the web possible
- Use HTML tags for elementary mark up
- Use hyperlinks to connect ideas and sources
- Code up a simple web page with useful content
- Understand some of the risks in using the web

Possible outcomes and Simplified /Activities- J2 Webby- Purple mash – internet quiz

Summer 1

- Understand the conventions for collaborative online work, particularly in wikis
- Be aware of their responsibilities when editing other people's work
- Become familiar with Wikipedia, including potential problems associated with its use
- Practise research skills
- Write for a target audience using a wiki tool
- Develop collaboration skills

- Be aware of broader issues surrounding email, including 'netiquette' and e-safety
- Work collaboratively with a remote partner
- Experience video conferencing

Possible outcomes and Simplified /Activities- Send and receive an email (Could be linked to letter writing)-Purple mash – using email safely quiz/ Online safety – Henry's winning email/ 2Respond – you've won!

Summer 2

- Understand some elements of survey design
- Understand some ethical and legal aspects of online data collection
- Use the web to facilitate data collection
- Gain skills in using charts to analyse data
- Gain skills in interpreting results

Possible outcomes and Simplified /Activities- Questionnaire + analysis project -Data collection, what is OK to share with others? /Purple Mash-2connect/ 2investigate/ 2graph / 2Question

Develop proofreading skills

Possible outcomes and Simplified /Activities- Wikipedia investigation (writing project)/ Write their own WIKI page collaboratively/ 2Write – collaborative writing program

Summer 2

- Understand different measurement techniques for weather, both analogue and digital
- Use computer-based data logging to automate the recording of some weather data
- Use spreadsheets to create charts
- Analyse data, explore inconsistencies in data and make predictions
- Practise using presentation software and, optionally, video
- Collect, organise and manipulate data

Assessment question: How could you predict the weather using weather data?

Possible outcomes and Simplified /Activities- Weather project; Collect information about the weather –temperature –light –Moisture- rainfall/ Use data loggers/ Analyse findings

PE/Games

Children should be taught the knowledge, skills and understanding through 5 areas of study:

- Dance
- Games
- Gymnastics

and two areas of:

- Swimming
- Athletics
- Outdoor and adventurous

Swimming

All schools must provide swimming instruction either in key stage 1 or key stage 2. In particular, pupils should be taught to:

- Swim competently, confidently and proficiently over a distance of at least 25 metres
- Use a range of strokes effectively [for example, front crawl, backstroke and breaststroke]
- Perform safe self-rescue in different water-based situations

Games (for examples cricket, football, hockey, netball, rounders, and tennis)

- Play and make up small and modified competitive net, striking/field and invasion games
- Use the skills and tactics and apply basic principles for attacking and defending
- Work with others to organise and keep the game going
- Recognise how their performance is similar and different to others and use this understanding to improve their own work

Games (for examples cricket, football, hockey, netball, rounders, and tennis)

- Consolidate and develop the range and consistency of their skills a variety of games
- Choose and use a range of simple tactics and strategies
- Keep, adapt and make rules for a verity of games
- Recognise what skilful play looks like
- Suggest ideas and practices to improve their play
- Their performance shows precision, control and fluency, and that they understand tactics and composition
- Compare and comment on skills, techniques and ideas used in their own and others' work, and use this understanding to improve their performance

Gymnastics

- Develop the range of actions, body shapes and balances they include in a performance
- Perform skills and actions more accurately and consistently
- Create gymnastic sequences that meet a theme or set of conditions
- Use compositional devices when creating their sequences, such as changes in speed, level and direction

Gymnastics

- Begin to develop a range of actions, body shapes and balances they and begin to include in these performance
- Perform skills and actions more accurately and consistently
- Use compositional devices when creating their sequences, such as changes in speed, level and direction
- Describe how the body reacts during different types of activity, and how this affects the way they perform
- Describe their own and others' work, making simple judgements about them and suggest ways they could be improved

Dance

- Select and use skills, actions and ideas appropriately, applying them with coordination and control
- Show that they understand composition by starting to vary how they respond
- Recognise how their work is similar to and different from others' work, and use this understanding to improve their own performance

Outdoor and adventurous activities

- Develop basic skills and work on their own or with others to solve challenges
- Choose and apply simple strategies and skills to meet the requirements of a task or challenge
- Describe and evaluate their own and others' performances

Athletics

- Use running, jumping and throwing skills both singly and in combinations
- Pace themselves in challenges and competitions
- Know what their personal best is in a variety of events and see how this improves over a period of time

Depth: Select and use skills, actions and ideas appropriately **Assessment Question:** What criteria would you need to judge a swimming contest?

- Describe how the body reacts during different types of activity, and how this affects the way they perform
- Describe their own and others' work, making simple judgements about the quality of performances and suggesting ways they could be improved
- Begin to develop flexibility, strength, technique, control and balance

Dance

- Create and link dance phrases using a simple dance structure or motif
- Perform dances with an awareness of rhythmic, dynamic and expressive qualities, on their own, with a partner and in small groups to use simple choreographic principles to create motifs and narrative
- Perform more complex dance phrases and dances that communicate character and narrative
- Describe and evaluate some of the compositional features of dances performed with a partner and in a group
- Talk about how they might improve their dances

Outdoor and adventurous activities

- Develop the range and consistency of their skills and on their own or work with others to solve challenges
- Choose and apply strategies and skills to meet the requirements of a task or challenge
- Describe and evaluate their own and others' performances, and identify areas that need improving

Athletics

- Consolidate and improve the quality, range and consistency of the techniques they use for particular activities
- Develop their ability to choose and use simple tactics and strategies in different situations
- Know, measure and describe the short-term effects of exercise on the body
- Describe how the body reacts to different types of activity
- Describe and evaluate the effectiveness of performances, and recognise aspects of performances that need improving achieve their personal best
- Know what their personal best is in a variety of events and see how this improves over a period of time

Depth: Compare and comment on skills, techniques and ideas used in their own and others' work and use this understanding to improve their performance **Assessment Question:** Debate what makes a poor decision by a player, observer or ref?

Music Children MUST be taught to Sing and play musically with increasing confidence and control Develop their understanding and ability of musical composition Use and understand conventional and other notations Appreciate and understand a wide range of quality live and recorded music from different traditions and great

composers and

musicians

Recorders 1 term – introduce standard notation

Listening

(Responding to music, appraising sounds and applying knowledge)

- Pupils recognise how the different musical elements are combined and used expressively
- Link to history of music analyse a piece at least once a term

History of Music

(developing an understanding of)

- Listen to and discuss music from the Baroque period (1600's) Eg. Bach and Purcell long flowing melodic lines often using ornamentation
- Contrast between loud and soft, solo and ensemble
- A contrapuntal texture where two or more melodic lines are combined
- The use of harpsichord continuo

Performing

(controlling sounds through singing and playing)

- Pupils explore the way sounds can be combined and used expressively
- Pupils sing in tune with expression
- Pupils perform simple melodic and rhythmic parts

Creating

(developing musical ideas – composing and responding to music through other media)

 Pupils improvise repeated patterns and combine several layers of sound with an awareness of the combined effect

Responding and reviewing (appraising own and others' performances)

 Pupils make improvements to their own work, commenting on the intended effect

Possible resources which are available including sing up:

• Recorders (1 term) (introduce conventional notation)

DPA provision 3 terms- Violins

Listening

(Responding to music, appraising sounds and applying knowledge)

- Pupils recognise how the different musical elements are combined and used expressively
- Pupils begin to compare and evaluate different kinds of music using an appropriate musical vocabulary
- Link to history of music analyse a piece at least once a term

History of Music

(developing an understanding of)

- Listen to and discuss music from the Classical period (1700's)
- Eg. Mozart and Beethoven
- MELODY: Short and clearly defined musical phrases with two or more contrasting themes.
- RHYTHM: Very defined and regular.
- TEXTURE: Mostly Homophonic.
- TIMBRE: The symphony orchestra was organised into four sections strings, woodwind, brass and percussion. The harpsichord was seldom used.

Performing

(controlling sounds through singing and playing)

• Pupils, while performing by ear and from notations, maintain their own part with a growing awareness of how the different parts fit together.

Creating

(developing musical ideas – composing and responding to music through other media)

 Pupils improvise melodic and rhythmic phrases as part of a group performance and compose by beginning to develop musical ideas within the structure

Responding and reviewing

(appraising own and others' performances)

 Pupils begin to suggest improvements to their own work and others' work, commenting on the intended effect

Possible resources which are available including sing up:

DPA Music Provision

Unit 9 – descriptive sounds (animal magic)
 Unit 10 – rhythmic patterns
 Unit 11 – class orchestra

Depth: Creating – how layers of sounds can be combined to produce a desired effect

Assessment Question: Compose using layers of sounds to produceeffect?

- Unit 12 pentatonic scales (oriental music)
- Unit 13 sound colours (music and art)
- Unit 14 singing games

Depth: Creating – improve melodic and rhythmic phrases as part of a group and compose within a structure

Assessment Question: Use melodic and rhythmic phrases to convey emotion and compare to other composers

RE

- All pupils at Brook School will have the opportunity to visit a place of worship relating to their topic once each year
- All year groups will follow the Dudley Agreed Syllabus created by the Dudley SACRE committee (See below)
- The requirements in the Agreed Syllabus 2013 have been used to create a scheme of work with six blocks of work for each year group.
- Two blocks to be taught each term
- The scheme of work should be followed by all year groups, although teachers are able to teach their six blocks of work in any order during the year

Identify, name, describe and give accounts of religious life, in order to build a coherent picture of each religion (AT1)

 Pupils use religious words and phrases to begin to describe some key features of religions. They are beginning to understand that religion can have an impact on believers' lives

Explain the meanings of religious language, stories and symbolism (AT1)

 Pupils retell religious stories and understand the meanings of the stories, actions and symbols

Explain similarities and differences between, and within religions (AT1)

 Pupils begin to show an awareness of similarities and differences in religions

Reflect on what might be learnt from religions in the light of one's own beliefs and experience (AT2)

 Pupils ask, and respond sensitively to, questions about their own and others' experiences and feelings and begin to give reasons for their thoughts

Identify and respond to questions of meaning within religions (AT2)

- While asking and responding to questions, they recognise that some questions cause people to wonder and are difficult to answer
- In matters of right and wrong, they recognise their own values and those of others

Depth: Laws of religion e.g The Ten Commandments, The Five Pillars of Islam

Identify, name, describe and give accounts of religious life, in order to build a coherent picture of each religion (AT1)

- Pupils use a developing religious vocabulary to describe some key features of religions
- They begin to identify the impact religion has on believers' lives

Explain the meanings of religious language, stories and symbolism (AT1)

- They make links between beliefs and sources, including religious stories and sacred texts
- They describe some forms of religious expression

Explain similarities and differences between, and within religions (AT1)

 Pupils use a developing religious vocabulary to show they recognise similarities and differences

Reflect on what might be learnt from religions in the light of one's own beliefs and experience (AT2)

- Pupils identify what influences them making links between aspects of their own and others' experiences
- They make links between values and commitments, and their own attitudes and behaviour

Identify and respond to questions of meaning within religions (AT2)

• Pupils ask important questions about religion and beliefs, making links between their own and others' responses.

Depth: Devotion

Assessment Question: What is the difference between a belief and an opinion?

	Assessment Question: What new laws for the world would you							
	write and why?							
	RE schemes of work to be found below							
	VE SCHEILIEZ OF MOLK TO BE LORLIN DEIOM							
PSHE	Health and wellbeing							
	About managing change, such as puberty, transition and loss							
	How to make informed choices about health and wellbeing and to recognise sources of help with this							
	How to respond in an emergency							
	To identify different influences on health and wellbeing							
	 To be able to make informed choices (including recognising that choices can have positive, neutral and negative consequences) and to begin to understand the concept of a 'balanced lifestyle' 							
	To be able to recognise opportunities to make their own choices about food, what might influence their choices and the benefits of eating a balanced diet							
	To be able to reflect on and celebrate their achievements, identify their strengths, areas for improvement							
	To deepen their understanding of good and not so good feelings							
	 To be able to differentiate between the terms, 'risk', 'danger' and 'hazard' 							
	 To know that bacteria and viruses can affect health and that following simple hygiene routines can reduce their spread 							
	To recognise that pressure to behave in an unacceptable, unhealthy or risky way can come from a variety of sources, including people they know and the media							
	• To recognise when and how to ask for help and use basic techniques for resisting pressure to do something dangerous, unhealthy, that makes them uncomfortable, anxious or that they believe to be wrong							
	To begin to develop strategies for keeping physically and emotionally safe including road safety, safety in the environment and safety online							
	(including social media, the responsible use of ICT and mobile phones) the importance of protecting personal information, including passwords, addresses and images							
	To know the people who are responsible for helping them stay healthy and safe							
	How their body will change as they approach and move through puberty							
	Relationships							
	 To know how to develop and maintain a variety of healthy relationships within a range of social/cultural contexts 							
	To know how to recognise and manage emotions within a range of relationships							
	To be able to recognise risky or negative relationships including all forms of bullying and abuse							
	To know how to respond to risky or negative relationships and how to ask for help							
	To know how to respect equality and diversity in relationships							
	 To recognize and respond appropriately to a wider range of feelings in others 							
	To recognise what constitutes a positive, healthy relationship and develop the skills to form and maintain positive and healthy relationships							
	 To be aware of different types of relationship, including those between friends and families, civil partnerships and marriage 							
	 To judge what kind of physical contact is acceptable or unacceptable and how to respond 							
	To listen and respond respectfully to a wide range of people, to feel confident to raise their own concerns to work collaboratively towards shared							
	goals							
	That differences and similarities between people arise from a number of factors, including family, cultural, ethnic, racial and religious diversity, age,							

sex, gender identity, sexual orientation, and disability

• Teasing, bullying and aggressive behaviours (including cyber bullying, use of prejudice-based language, how to respond and ask for help)

Living in the wider world – Economic wellbeing and being a responsible citizen

- To learn about respect for self and others and the importance of responsible behaviours and actions
- To know about rights and responsibilities as members of families, other groups and ultimately as citizens
- To learn about different groups and communities
- To respect equality and to be a productive member of a diverse community
- To learn about the importance of respecting and protecting the environment
- To learn about where money comes from, keeping it safe and the importance of managing it effectively
- To know how money plays an important part in people's lives
- To have a basic understanding of enterprise
- To be able to research, discuss problems and events concerning health and wellbeing
- To know why and how rules and laws that protect themselves and others are made and enforced
- To realise the consequences of anti-social and aggressive behaviours
- To be able to see and respect others' points of view
- What being part of a community means, and about the varied institutions that support communities locally to recognise the role of voluntary groups
- To begin to recognise regional, religious and ethnic identities in the United Kingdom
- To begin to think about the lives of people living in other places, and people with different values and customs
- About the role money plays in their own and others' lives.
- To begin to have an understanding about enterprise and the skills that make someone 'enterprising'

Year 3

Depth: Recognise and respect regional, religious and ethnic identities

Assessment Question: Which is more important – human rights or religious beliefs? Discuss

Year 4

Depth: Physical and emotional safety

Assessment Question: Is there ever a right time to lose your temper?

Key Stage 2- Scheme of Work Years 3 and 4

	Autumn term		Spring term		Summer term	
Y3	13. What did Jesus teach? Introduce the idea of Jesus teaching by his own example and through parables. The lost sheep, the prodigal son, the unforgiving servant. What do these stories tell us? Can people change and so deserve forgiveness?	14. Can we treat animals just as we like? Do animals belong to us? Can we treat them in any way we feel like? How do you treat animals? St Francis and the wolf? What message does this story have?	15. How can Christianity influence the lives of people? Explore the life and work of Mother Teresa of Calcutta. How did Christianity inspire her work? Explore the life and work of Martin L King. How did Christianity inspire his work?	15. Is there a heaven? Discuss and examine their own beliefs about eternal life. Dealing with loss 'I'll always love you', 'Badger's parting gift', 'The water bugs and the dragon fly. Explore the Easter message that life does not continue but that we are changed and live a new, more glorious life.	16. Who was Buddha? Who was Siddattha Gotama? The Buddhist way of life and beliefs. Buddhist symbols. Read the story 'The Buddha and the wounded Swan'. What can we learn from the story?	17. What rules should we live by? Why do we have rules? What rule are really important? Where do rules come from? Moses and the Ten Commandments. The Golden Rule. We shall not lie? Why is it wrong to lie?
Y4	18. Why do Muslims fast? Revisit earlier work on Islam. To keep on the straight path Muslims support each other. What holds up the house of Islam? The five pillars. Fasting during Ramadan. Real awareness of hunger. A test against the desires of the body	19. Why do Sikhs celebrate Divali? Intro to Sikhism. The story of Akbar and the Guru's kitchen. The story of Guru Hargobind and the 52 Hindu princess. We are all members of the same human race with one creator. Using metaphor's to describe God. God as a potter. Divali in Sikhism.	20. Why is the Bible called Holy? Explore different Bibles, children's Bible, different translations. What makes it so special for Christians? Literal revelation. The Word of God. Inspired revelation – through the power of the Holy Spirit humans gain insights into the will and nature of God.	21. What makes a good prayer? Praising (devotional) and asking (petitionary) prayer. Are there wrong things to ask for in prayer? Vindictive prayer. Selfish prayer? Christianity and the Lord's Prayer. Islam and the Opening Prayer — the first chapter of the Qur'an.	23. Is there evidence of religion locally? Explore the local community. Is there evidence of religious belief? What special buildings are there? Different branches of Christianity? Different religious traditions? Is there evidence of religion in people's lives?	24. Does the love of money lead to evil? Explore Jesus' sayings about money. 'You cannot serve two masters'. 'The love of money is the root of all evil.' 1 Tim 6:10. Revisit the story of Malak Bhago and Lalo. Can money corrupt? Does the love of money lead to evil? What are your

			views?

3

Key Stage 2- Years 3 and 4

Christianity	Islam	Judaism	Hinduism	Sikhism	Buddhism
Key stories	Key stories	Key stories	Key stories	Key stories	Key stories
The birth of Jesus;	The Night of Power;	Queen Esther	Rama and Sita	Malak Bhago and Lalo	The Buddha and the
Jesus and Zacchaeus;	the Thirsty Camel;				wounded swan
the Easter story;	the Angry Woman;				
the Lost Sheep;					
the Prodigal Son;					
the Good Samaritan;					
the Creation story;					
Key artefacts					
Photo of local church					
Statue of Jesus					
Wooden cross					
Manger scene					
Easter Egg					
Hot Cross bun					
Key festivals	Key festivals	Key festivals	Key festivals	Key festivals	
Christmas	Ramadan	Purim	Divali	Divali	
Easter					