

		Key Stage 2 Long Term Curriculum Planning Map 2020-21 of Study There will be a large emphasis on maths and English in any foundation subjects taught so cross curricular subjects will consist of any opportunity to write, integrated tasks and science will use opportunity to further emphasise maths. This will be a focus of our curriculum in the autumn term as we work through our post COVID Recovery Curriculum
Geography	Y3 Y4 Y5 Y6	 Pupils should extend their knowledge and understanding beyond the local area to include the United Kingdom and Europe, North and South America. This will include the location and characteristics of a range of the world's most significant human and physical features. They should develop their use of geographical tools and skills to enhance their locational and place knowledge. Pupils should be taught to: Location knowledge locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time 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) Place knowledge understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America Human and physical geography describe and understand key aspects of:
		 physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle



		 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 Geographical skills and fieldwork use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world 201 use fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.
History	Overview Y3 Y4 Y5 Y6	 Pupils should continue to develop a chronologically secure knowledge and understanding of British, local and world history, establishing clear narratives within and across the periods they study. They should note connections, contrasts and trends over time and develop the appropriate use of historical terms. They should regularly address and sometimes devise historically valid questions about change, cause, similarity and difference, and significance. They should construct informed responses that involve thoughtful selection and organisation of relevant historical information. They should understand how our knowledge of the past is constructed from a range of sources and that different versions of past events may exist, giving some reasons for this. In planning to ensure the progression described above through teaching the British, local and world history outlined below, teachers should combine overview and depth studies to help pupils understand both the long arc of development and the complexity of specific aspects of the content. Pupils should be taught about: changes in Britain from the Stone Age to the Iron Age This could include: late Neolithic hunter-gatherers and early farmers, e.g. Skara Brae Bronze Age religion, technology and travel, e.g. Stonehenge



 Iron Age hill forts: tribal kingdoms, farming, art and culture
 the Roman Empire and its impact on Britain
This could include:
 Julius Caesar's attempted invasion in 55-54 BC
 the Roman Empire by AD 42 and the power of its army
 successful invasion by Claudius and conquest, including Hadrian's Wall
 British resistance, e.g. Boudica
 "Romanisation" of Britain: sites such as Caerwent and the impact of technology, culture and beliefs, including early Christianity 207
 Britain's settlement by Anglo-Saxons and Scots
 This could include: Roman withdrawal from Britain in c. AD 410 and the fall of the western Roman Empire Scots invasions from Ireland to north Britain (now Scotland) Anglo-Saxon invasions, settlements and kingdoms: place names and village life Anglo-Saxon art and culture Christian conversion – Canterbury, Iona and Lindisfarne
 the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor
This could include:
 Viking raids and invasion
 further Viking invasions and Danegeld



 Anglo-Saxon laws and justice
 Edward the Confessor and his death in 1066
 a local history study
For example:
 a depth study linked to one of the British areas of study listed above
 a study over time tracing how several aspects national history are reflected in the locality (this can go beyond 1066)
• a study of an aspect of history or a site dating from a period beyond 1066 that is significant in the locality.
 a study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066
 For example: the changing power of monarchs using case studies such as John, Anne and Victoria 208
 changes in an aspect of social history, such as crime and punishment from the Anglo-Saxons to the present or leisure and entertainment in the 20th Century
 the legacy of Greek or Roman culture (art, architecture or literature) on later periods in British history, including the present day
 a significant turning point in British history, e.g. the first railways or the Battle of Britain
 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: Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty of Ancient China
 Ancient Greece – a study of Greek life and achievements and their influence on the western world 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.



		History needs to be taught in chronological order across school
Art and Design	Y3 Y4 Y5 Y6	 Pupils should be taught to develop their techniques, including their control and their use of materials, with creativity, experimentation and an increasing awareness of different kinds of art, craft and design. Pupils should be taught: to create sketch books to record their observations and use them to review and revisit ideas to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (e.g. pencil, charcoal, paint, clay) about great artists, architects and designers in history.
Design and Technology	Y3 Y4 Y5 Y6	Through a variety of creative and practical activities, pupils should be taught the knowledge, understanding and skills needed to engage in an iterative process of designing and making. They should work in a range of relevant contexts, such as the home, school, leisure, culture, enterprise, industry and the wider environment. When designing and making, pupils should be taught to: Design use research and develop design criteria to inform the design of innovative, functional, appealing products that are



 fit for purpose, aimed at particular individuals or groups generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design
 Make select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities
 Evaluate investigate and analyse a range of existing products evaluate their ideas and products against their own design criteria and consider the views of others to improve their work understand how key events and individuals in design and technology have helped shape the world
 Technical knowledge apply their understanding of how to strengthen, stiffen and reinforce more complex structures understand and use mechanical systems in their products, such as gears, pulleys, cams, levers and linkages understand and use electrical systems in their products, such as series circuits incorporating switches, bulbs, buzzers and motors apply their understanding of computing to programme, monitor and control their products. Cooking and Nutrition understand and apply the principles of a healthy and varied diet prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.



Music	Y3 Y4 Y5 Y6	 Pupils should be taught to sing and play musically with increasing confidence and control. They should develop an understanding of musical composition, organising and manipulating ideas within musical structures and reproducing sounds from aural memory. Pupils should be taught to: play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression improvise and compose music for a range of purposes using the inter-related dimensions of music listen with attention to detail and recall sounds with increasing aural memory use and understand staff and other musical notations appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians develop an understanding of the history of music.
Science CHECKED	¥3	 Plants Pupils should be taught to: identify and describe the functions of different parts of flowering plants: roots, stem, leaves and flowers explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant investigate the way in which water is transported within plants explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. Animals, including humans Pupils should be taught to: 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 animals have skeletons and muscles for support, protection and movement. Rocks Pupils should be taught to: compare and group together different kinds of rocks on the basis of their appearance and simple physical properties describe in simple terms how fossils are formed when things that have lived are trapped within rock recognise that soils are made from rocks and organic matter. Light Pupils should be taught to: recognise that light is reflected from surfaces recognise 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 an opaque object find patterns in the way that the size of shadows change Forces and magnets Pupils should be taught to: compare how things move on different surfaces notice that some forces need contact between 2 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 magnet, and identify some magnetic materials describe magnets as having 2 poles predict whether 2 magnets will attract or repel each other, depending on which poles are facing
Y4	 Living things and their habitats Pupils should be taught to: recognise that living things can be grouped in a variety of ways explore and use classification keys to help group, identify and name a variety of living things in their local and



 wider environment recognise that environments can change and that this can sometimes pose dangers to living things
 Animals, including humans Pupils should be taught to: describe the simple functions of the basic parts of the digestive system in 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 States of matter Pupils should be taught to: 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 Celsius (°C) identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature. Sound Pupils should be taught to:
 identify how sounds are made, associating some of them with something vibrating recognise that vibrations from sounds travel through a medium to the ear find patterns between the pitch of a sound and features of the object that produced it find patterns between the volume of a sound and the strength of the vibrations that produced it recognise that sounds get fainter as the distance from the sound source increases
 Electricity Pupils should be taught to: identify common appliances that run on electricity construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery



	 recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit
	 recognise some common conductors and insulators, and associate metals with being good conductors.
	 Living things and their habitats Pupils should be taught to: explain the differences in the life cycles of a mammal, an amphibian, an insect and a bird
	 describe the life process of reproduction in some plants and animals. Animals, including humans Pupils should be taught to:
	 describe the changes as humans develop to old age. Properties and changes of materials
	 Pupils should be taught to: compare and group together everyday materials based on evidence from comparative and fair tests, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets understand that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
¥5	 use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic demonstrate that dissolving, mixing and changes of state are reversible changes explain that some changes result in the formation of new materials, and that this kind of change is not usually
	 reversible, including changes associated with burning and the action of acid on bicarbonate of soda. Earth and space Pupils should be taught to: describe the movement of the Earth and other planets relative to the sun in the solar system
	 describe the movement of the moon relative to the Earth describe the sun, Earth and moon as approximately spherical bodies



	 use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky Forces Pupils should be taught to: explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object identify the effects of air resistance, water resistance and friction, that act between moving surfaces recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect
Y6	 Living things and their habitats Pupils should be taught to: describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals give reasons for classifying plants and animals based on specific characteristics. Animals including humans identify and name the main parts of the human circulatory system, and explain the functions of the heart, blood vessels and blood recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function describe the ways in which nutrients and water are transported within animals, including humans. Evolution and inheritance Pupils should be taught to: recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents



 identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. Light Pupils should be taught to: recognise that light appears to travel in straight lines use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them
 Working scientifically 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



	 and conclusions using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions identifying differences, similarities or changes related to simple scientific ideas and processes using straightforward scientific evidence to answer questions or to support their findings.
	Non Statutory Working scientifically Pupils in years 3 and 4 should be given a range of scientific experiences to enable them to raise their own questions about the world around them. They should start to make their own decisions about the most appropriate type of scientific enquiry they might use to answer questions; recognise when a simple fair test is necessary and help to decide how to set it up; talk about criteria for grouping, sorting and classifying; and use simple keys. They should begin to look for patterns and decide what data to collect to identify them. They should help to make decisions about what observations to make, how long to make them for and the type of simple equipment that might be used. They should learn how to use new equipment, such as data loggers, appropriately. They should collect data from their own observations and measurements, using notes, simple tables and standard units, and help to make decisions about how to record and analyse this data. With help, pupils should look for changes, patterns, similarities and differences in their data in order to draw simple conclusions and answer questions. With support, they should identify new questions arising from the data, making predictions for new values within or beyond the data they have collected and finding ways of improving what they have already done. They should also recognise when and how secondary sources might help them to answer questions that cannot be answered through practical investigations. Pupils should use relevant scientific language to discuss their ideas and communicate their findings in ways that are appropriate for different audiences. These opportunities for working scientifically should be provided across years 3 and 4 so that the expectations in the programme of study can be met by the end of year 4. Pupils are not expected to cover each aspect for every area of study.
Years5 and 6	 Working scientifically During years 5 and 6, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content: planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary taking measurements, using a range of scientific equipment, with increasing accuracy and precision recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables,



	 and bar and line graphs using test results to make predictions to set up further comparative and fair tests using simple models to describe scientific ideas reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of results, in oral and written forms such as displays and other presentations identifying scientific evidence that has been used to support or refute ideas or arguments. Non Statutory Working scientifically Pupils in years 5 and 6 should use their science experiences to: explore ideas and raise different kinds of questions; select and plan the most appropriate type of scientific enquiry to use to answer scientific questions; recognise when and how to set up comparative and fair tests and explain which variables need to be controlled and why. They should use and develop keys and other information records to identify, classify and describe living things and materials, and identify patterns that might be found in the natural environment. They should make their own decisions about what observations to make, what measurements to use and how long to make them for; choose the most appropriate equipment to make measurements and explain how to use it accurately. They should decide how to record data from a choice of familiar approaches; look for different results to identify when further tests and observations might be needed; recognise which secondary sources will be most useful to research their ideas and begin to separate opinion from fact. They should use their scientific language and illustrations to discuss, communicate and justify their scientific ideas and should talk about how scientific ideas have developed over time. These opportunities for working scientifically should be provided across years 5 and 6 so that the expectations in the programme of study can be met by the end of year 6. Pupils are not expected to cover each aspect for every area of study.



Computing	Y3 Y4 Y5 Y6	 Pupils should be taught to: design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts use sequence, selection, and repetition in programs; work with variables and various forms of input and output use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs understand computer networks including the internet; how they can provide multiple services, such as the worldwide web; and the opportunities they offer for communication and collaboration use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content use technology safely, respectfully and responsibly; know a range of ways to report concerns and inappropriate behaviour select, use and combine a variety of software (including internet services) on a range of digital devices to accomplish given goals, including collecting, analysing, evaluating and presenting data and information.
PE	Y3,4,5 and 6	 Pupils should continue to apply and develop a broader range of skills, learning how to use them in different ways and to link them to make actions and sequences of movement. They should enjoy communicating, collaborating and competing with each other. They should develop an understanding of how to improve in different physical activities and sports and learn how to evaluate and recognise their own success. Pupils should be taught to: use running, jumping, throwing and catching in isolation and in combination play competitive games, modified where appropriate, such as badminton, basketball, cricket, football, hockey, netball, rounders and tennis, and apply basic principles suitable for attacking and defending



		 perform dances take part in outd compare their performing and ware Swimming and ware Pupils should be taken swim competend use a range of set 	using a range of me loor and adventurou erformances with pr iter safety (Curren ught to: tly, confidently and p trokes effectively su	ue, control and balar ovement patterns is activity challenges evious ones and der tly year 5&6 summ proficiently over a dis uch as front crawl, ba water-based situation	both individually ar monstrate improvem er term) stance of at least 25 ackstroke and breas	nd within a team nent to achieve thei metres	
RE	¥3	2a.1: CREATION/ FALL: What do Christians learn from the creation story?	How do festivals and family life show what matters to Jewish people?	2a.2 PEOPLE OF GOD: What is it like to follow God?	How do festivals and worship show what matters to a Muslim?	2a.4 GOSPEL: What kind of world did Jesus want?	How and why do religious and non- religious people try to make the world a better place?
	¥4						
	¥5	Why do Hindus want to be good?	2b.4 INCARNATION Was Jesus the Messiah? Christmas	2b.1: GOD: What does it mean if God is Holy and Loving?	Why is the Torah so important to Jewish people?	2b.5 GOSPEL: What would Jesus do?	Why do some people believe in God and some people not? OR
	¥6						What matters most to Humanists and Christians?
PSHE and Citizenship	Y3,4,5 and 6	Breadth of opportunities 5 During the key stage, pupils should be taught the Knowledge, skills and understanding through opportunities to:					



Non Statutory	a take and share responsibility [for example, for their own behaviour; by helping to make classroom rules and following them; by looking after pets well] b feel positive about themselves [for example, by having their achievements recognised and by being given positive feedback about themselves] c take part in discussions [for example, talking about topics of school, local, national, European, Commonwealth and global concern, such as 'where our food and raw materials for industry come from'] d make real choices [for example, between healthy options in school meals, what to watch on television, what games to play, how to spend and save money sensibly] e meet and talk with people [for example, with outside visitors such as religious leaders, police officers, the school nurse] f develop relationships through work and play [for example, by sharing equipment with other pupils or their friends in a group task] g consider social and moral dilemmas that they come across in everyday life [for example, aggressive behaviour, questions of fairness, right and wrong, simple political issues, use of money, simple environmental issues] h ask for help [for example, from family and friends, midday supervisors, older pupils, the police].
MFL	 Pupils should be taught to: listen attentively to spoken language and show understanding by joining in and responding explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help* speak in sentences, using familiar vocabulary, phrases and basic language structures develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases*



	 present ideas and information orally to a range of audiences*
	 read carefully and show understanding of words, phrases and simple writing
	 appreciate stories, songs, poems and rhymes in the language
written	 broaden their vocabulary and develop their ability to understand new words that are introduced into familiar w material, including through using a dictionary
	 write phrases from memory, and adapt these to create new sentences, to express ideas clearly
	 describe people, places, things and actions orally* and in writing
lage;	 understand basic grammar appropriate to the language being studied, including (where relevant): feminine, masculine and neuter forms and the conjugation of high-frequency verbs; key features and patterns of the langua how to apply these, for instance, to build sentences; and how these differ from or are similar to English.
_	The starred (*) content above will not be applicable to ancient languages
	Teaching should provide an appropriate balance of spoken and written language and should lay the foundations for further foreign language teaching at key stage 3. It should enable pupils to understand and communicate ideas, facts and feelings in speech and writing, focused on familiar and routine matters, using their knowledge of phonology, grammatical structures and vocabulary. The focus of study in modern languages will be on practical communication. Pupils should be taught to:
	• broaden their vocabulary and develop their ability to understand new words that are introduced into familiar w material, including through using a dictionary • write phrases from memory, and adapt these to create new sentences, to express ideas clearly • describe people, places, things and actions orally* and in writing • understand basic grammar appropriate to the language being studied, including (where relevant): feminine, masculine and neuter forms and the conjugation of high-frequency verbs; key features and patterns of the langu how to apply these, for instance, to build sentences; and how these differ from or are similar to English. The starred (*) content above will not be applicable to ancient languages Teaching should provide an appropriate balance of spoken and written language and should lay the foundations for further foreign language teaching at key stage 3. It should enable pupils to understand and communicate ideas, facts and feelings in speech and writing, focused on familiar and routine matters, using their knowledge of phonology, grammatical structures and vocabulary. The focus of study in modern languages will be on practical communication. Pupils should be taught to: [isten attentively to spoke language through songs and thymes and link the spelling, sound and meaning of words [engage in conversations; ask and answer questions: and responding [reaching should provide an appropriate balance of spoken and written languages and show understanding by ioining in and responding [engage in conversations; ask and answer questions: and there suderstand to those of others; seek clarification and help* [stern attentively to spoke language through songs and thymes and link the spelling, sound and meaning of words [engage in conversations; ask and answer questions; songs, poets and any there sing the language [apreciat ideas and information orall

