



Growing

Happy

Caring

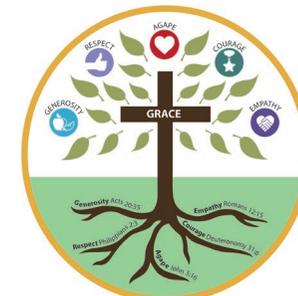
Hearts

and

Minds



Non-Core National Curriculum Coverage



Year One

Subject	Pupils should be taught about:
History	<p>Events beyond living memory that are significant nationally or globally [for example, the Great Fire of London, the first aeroplane flight or events commemorated through festivals or anniversaries]</p> <p>The lives of significant individuals in the past who have contributed to national and international achievements. Some should be used to compare aspects of life in different periods [for example, Elizabeth I and Queen Victoria, Christopher Columbus and Neil Armstrong, William Caxton and Tim Berners-Lee, Pieter Bruegel the Elder and LS Lowry, Rosa Parks and Emily Davison, Mary Seacole and/or Florence Nightingale and Edith Cavell]</p> <p>Significant historical events, people and places in their own locality.</p>
Geography	<p>Identify seasonal and daily weather patterns in the UK and the location of hot and cold areas of the world</p> <p>Use basic geographical vocabulary to refer to key physical and human features (local & familiar features)</p> <p>Use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment.</p>
Art and Design	<p>Use a range of materials creatively to design and make products</p> <p>Use drawing, painting and sculpture to develop and share their ideas, experiences and imagination.</p> <p>Develop a wide range of art and design techniques in using colour, texture, line, shape, form and space.</p>
Design and Technology	<p>Design purposeful, functional & appealing products.</p> <p>Generate, model & communicate ideas</p> <p>Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]</p>

	<p>Select from and use a wide range of materials and components, including construction materials, and ingredients, according to their characteristics</p> <p>Explore and evaluate a range of existing products</p> <p>Evaluate their ideas and products against design criteria</p> <p>Build structures, exploring how they can be made stronger & stiffer</p> <p>Explore and use mechanisms [for example, levers & sliders], in their products</p> <p>Use the basic principles of a healthy and varied diet to prepare dishes.</p> <p>Understand where food comes from.</p>
Computing	<p>Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions</p> <p>Create and debug simple programs. Use logical reasoning to predict the behaviour of simple programs</p> <p>Use technology purposefully to create, organise, store, manipulate and retrieve digital content</p> <p>Recognise common uses of information technology beyond school</p> <p>Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.</p>
Music	<p>Use their voices expressively and creatively by singing songs and speaking chants and rhymes</p> <p>Play tuned and un-tuned instruments musically</p> <p>Listen with concentration and understanding to a range of high-quality live and recorded music</p> <p>Experiment with, create, select and combine sounds using the inter-related dimensions of music.</p>
Physical Education	<p>Master basic movement, e.g. running, jumping, throwing, catching, balance, agility and co-ordination</p> <p>Participate in team games</p> <p>Perform dances using simple movement.</p>

Year Two

Subject	Pupils should be taught about:
History	<p>Changes within living memory. Where appropriate, these should be used to reveal aspects of change in national life</p> <p>Events beyond living memory that are significant nationally or globally [for example, the Great Fire of London, the first aeroplane flight or events commemorated through festivals or anniversaries]</p> <p>The lives of significant individuals in the past who have contributed to national and international achievements. Some should be used to compare aspects of life in different periods [for example, Elizabeth I and Queen Victoria, Christopher Columbus and Neil Armstrong, William Caxton and Tim Berners-Lee, Pieter Bruegel the Elder and LS Lowry, Rosa Parks and Emily Davison, Mary Seacole and/or Florence Nightingale and Edith Cavell]</p> <p>Significant historical events, people and places in their own locality.</p>
Geography	<p>Use basic geographical vocabulary to refer to: key physical features, including: beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather</p> <p>key human features, including: city, town, village, factory, farm, house, office, port, harbour and shop</p> <p>Name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas</p> <p>Name and locate the world's seven continents and five oceans</p> <p>Understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom, and of a small area in a contrasting non-European country.</p> <p>Identify the location of hot and cold areas of the world in relation to the equator and the north and south poles</p> <p>Use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied at this key stage</p> <p>Use simple compass directions (North, South, East and West) and locational and directional language [for example, near and far; left and right], to describe the location of features and routes on a map</p> <p>Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key</p> <p>Use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment</p>
Art and Design	<p>To use a range of materials creatively to design and make products</p> <p>To use drawing and painting to develop and share their ideas, experiences and imagination</p> <p>To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space</p> <p>About the work of an artist describing the differences and similarities between different practices and disciplines, and</p>

	<p>making links to their own work.</p> <p>To use sculpture to develop and share their ideas, experiences and imagination</p>
Design and Technology	<p>Design purposeful, functional & appealing products based on design criteria</p> <p>Generate, develop model & communicate ideas through talking, drawing and mock-ups</p> <p>Select from and use a range of tools and equipment to perform practical tasks</p> <p>Select from and use a wide range of materials and components, including construction materials and textiles according to their characteristics</p> <p>Explore and evaluate a range of existing products</p> <p>Evaluate their ideas and products against design criteria</p> <p>Build structures, exploring how they can be made stronger, stiffer and more stable</p> <p>Explore and use mechanisms in their products.</p>
Computing	<p>Recognise common uses of information technology beyond school.</p> <p>Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.</p> <p>Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions.</p> <p>Create and debug simple programs.</p> <p>Use logical reasoning to predict the behaviour of simple programs.</p> <p>Use technology purposefully to create, organise, store, manipulate and retrieve digital content.</p>
Music	<p>Use their voices expressively and creatively by singing songs and speaking chants and rhymes.</p> <p>Play tuned and untuned instruments musically.</p> <p>Listen with concentration and understanding to a range of high-quality live and recorded music.</p> <p>Experiment with, create, select and combine sounds using the inter-related dimensions of music.</p>
Physical Education	<p>Master basic movements including running, jumping, as well as developing balance, agility and co-ordination, and begin to apply in a range of activities</p> <p>Perform dances using simple movement patterns.</p> <p>Participate in team games, developing simple tactics for attacking and defending.</p>

Year Three

Subject	Pupils should be taught about:
History	<p>Changes in Britain from the Stone Age to the Iron Age. 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</p> <p>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, for example, Boudica; 'Romanisation' of Britain: sites such as Caerwent and the impact of technology, culture and beliefs, including early Christianity</p>
Geography	<p>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</p> <p>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</p> <p>Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied</p> <p>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</p> <p>Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.</p>
Art and Design	<p>To create sketch books to record their observations and use them to review and revisit ideas</p> <p>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]</p> <p>About great artists, architects and designers in history</p>
Design and Technology	<p>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</p> <p>Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design</p> <p>Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately</p>

	<p>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</p> <p>Investigate and analyse a range of existing products</p> <p>Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</p> <p>Understand how key events and individuals in design and technology have helped shape the world</p> <p>Apply their understanding of how to strengthen, stiffen and reinforce more complex structures</p> <p>Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]</p> <p>Understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]</p> <p>Apply their understanding of computing to program, monitor and control their products.</p> <p>Understand and apply the principles of a healthy and varied diet</p> <p>Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques</p> <p>Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed</p>
Computing	<p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</p> <p>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output</p> <p>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</p> <p>Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration</p> <p>Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</p> <p>Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</p> <p>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</p>
Music	<p>Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression</p> <p>Improvise and compose music for a range of purposes using the inter-related dimensions of music</p> <p>Listen with attention to detail and recall sounds with increasing aural memory</p>

	<p>Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians</p> <p>Develop an understanding of the history of music.</p>
Physical Education	<p>Use running, jumping, catching and throwing in isolation and combination</p> <p>Play competitive games, modified where appropriate</p> <p>Develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics]</p> <p>Compare their performances with previous ones and demonstrate improvement to achieve their personal best.</p> <p>Swim competently, confidently and proficiently over a distance of at least 25 metres</p> <p>Use a range of strokes effectively [for example, front crawl, backstroke and breaststroke]</p> <p>Perform safe self-rescue in different water-based situations.</p>
MFL	<p>Listen attentively to spoken language and show understanding by joining in and responding</p> <p>Explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words</p> <p>Engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help</p> <p>Speak in sentences, using familiar vocabulary, phrases and basic language structures</p> <p>Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases</p> <p>Present ideas and information orally to a range of audiences</p> <p>Read carefully and show understanding of words, phrases and simple writing</p> <p>Appreciate stories, songs, poems and rhymes in the language</p> <p>Broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary</p> <p>Write phrases from memory, and adapt these to create new sentences, to express ideas clearly</p> <p>Describe people, places, things and actions orally and in writing</p> <p>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 language; how to apply these, for instance, to build sentences; and how these differ from or are similar to English.</p>

Year Four

Subject	Pupils should be taught:
History	<p>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 Egypt</p> <p>The Roman Empire and its impact on Britain the Roman Empire by AD 42 and the power of its army 'Romanisation' of Britain: sites such as Caerwent and the impact of technology, culture and beliefs, including early Christianity</p> <p>Britain's settlement by Anglo-Saxons and Scots: the Roman withdrawal from Britain in c. AD 410 and the fall of the western Roman Empire; Anglo-Saxon invasions, settlements and kingdoms: place names and village life; and Anglo-Saxon art and culture</p>
Geography	<p>Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied</p> <p>Describe and understand key aspects of: physical geography, rivers, mountains, 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 water.</p> <p>Use fieldwork to observe, measure record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies</p> <p>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</p>
Art and Design	<p>To create sketch books to record their observations and use them to review and revisit ideas</p> <p>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]</p> <p>About great artists, architects and designers in history.</p>
Design and Technology	<p>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</p> <p>Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design</p> <p>Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately</p> <p>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</p> <p>Investigate and analyse a range of existing products</p>

	<p>Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</p> <p>Understand how key events and individuals in design and technology have helped shape the world.</p>
Computing	<p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</p> <p>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output</p> <p>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</p> <p>Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration</p> <p>Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</p> <p>Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</p> <p>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</p>
Music	<p>Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression</p> <p>Improvise and compose music for a range of purposes using the inter-related dimensions of music</p> <p>Listen with attention to detail and recall sounds with increasing aural memory</p> <p>Use and understand staff and other musical notations</p> <p>Develop an understanding of the history of music.</p>
Physical Education	<p>Use running, jumping, throwing and catching in isolation and in combination</p> <p>Play competitive games, modified where appropriate [for example, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending</p> <p>Develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics]</p> <p>Perform dances using a range of movement patterns</p> <p>Compare their performances with previous ones and demonstrate improvement to achieve their personal best.</p>
MFL	<p>Listen attentively to spoken language and show understanding by joining in and responding</p> <p>Explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words</p> <p>Engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification</p>

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

Broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written 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 language; how to apply these, for instance, to build sentences; and how these differ from or are similar to English.

Year Five

Subject	Pupils should be taught about:
History	<p>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</p> <p>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.</p> <p>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; resistance by Alfred the Great and Athelstan, first king of England; further Viking invasions and Danegeld; Anglo-Saxon laws and justice; Edward the Confessor and his death in 1066</p>
Geography	<p>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)</p> <p>Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied</p> <p>Describe and understand key aspects of: physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle</p> <p>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</p> <p>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.</p>
Art and Design	<p>To create sketch books to record their observations and use them to review and revisit ideas</p> <p>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]</p> <p>About great artists, architects and designers in history.</p>
Design and Technology	<p>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</p> <p>Understand and apply the principles of a healthy and varied diet</p> <p>Prepare and cook a variety of predominantly savoury dishes</p> <p>Investigate and analyse a range of existing products</p>

	<p>Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional diagrams</p> <p>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</p> <p>Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</p> <p>Understand seasonality and know where and how a variety of ingredients are grown and processed.</p>
Computing	<p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</p> <p>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output</p> <p>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</p> <p>Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration</p> <p>Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</p> <p>Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</p> <p>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</p>
Music	<p>Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression</p> <p>Improvise and compose music for a range of purposes using the inter-related dimensions of music</p> <p>Listen with attention to detail and recall sounds with increasing aural memory</p> <p>Use and understand staff and other musical notations</p> <p>Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians.</p>
Physical Education	<p>Use running, jumping, catching and throwing in isolation and in combination</p> <p>Play competitive games, applying basic principles</p> <p>Develop flexibility & control in gym, dance & athletics</p>

	<p>Take part in Outdoor & Adventurous activities</p> <p>Compare performances to achieve personal bests.</p>
<p>MFL</p>	<p>Listen attentively to spoken language and show understanding by joining in and responding</p> <p>Explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words</p> <p>Engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help</p> <p>Speak in sentences, using familiar vocabulary, phrases and basic language structures</p> <p>Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases</p> <p>Present ideas and information orally to a range of audiences</p> <p>Read carefully and show understanding of words, phrases and simple writing</p> <p>Appreciate stories, songs, poems and rhymes in the language</p> <p>Broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary</p> <p>Write phrases from memory, and adapt these to create new sentences, to express ideas clearly</p> <p>Describe people, places, things and actions orally and in writing</p> <p>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 language; how to apply these, for instance, to build sentences; and how these differ from or are similar to English.</p>

Year Six

Subject	Pupils should be taught about:
History	<p>A local history study: a depth study linked to one of the British areas of study (WW2)</p> <p>A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066: The changes in social history, such as crime and punishment from the Anglo-Saxons to the present or leisure and entertainment in the 20th century.</p> <p>The legacy of Greek or Roman culture (art, architecture or literature) on later periods in British history, including the present day</p> <p>A significant turning point in British history. for example, the first railways or the Battle of Britain</p> <p>Ancient Greece - a study of Greek life and achievements and their influence on the western world</p>
Geography	<p>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 characteristics, countries and major cities.</p> <p>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.</p> <p>Describe and understand key aspects of physical geography including climate zones, rivers mountains, volcanoes and earthquakes</p> <p>Human geography, including types of settlement and land use</p> <p>Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied</p>
Art and Design	<p>To create sketch books to record their observations and use them to review and revisit ideas</p> <p>To improve their mastery of art and design techniques, including drawing, painting e.g. pencil, charcoal and paint</p> <p>About great artists, architects and designers in history.</p>
Design and Technology	<p>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</p> <p>Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design</p> <p>Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately</p> <p>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</p> <p>Investigate and analyse a range of existing products</p> <p>Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</p>

	<p>Understand how key events and individuals in design and technology have helped shape the world</p> <p>Apply their understanding of how to strengthen, stiffen and reinforce more complex structures</p> <p>Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]</p> <p>Understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]</p> <p>Apply their understanding of computing to program, monitor and control their products.</p> <p>Understand and apply the principles of a healthy and varied diet</p> <p>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</p>
Computing	<p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</p> <p>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output</p> <p>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</p> <p>Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration</p> <p>Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</p> <p>Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</p> <p>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</p>
Music	<p>Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression</p> <p>Improvise and compose music for a range of purposes using the inter-related dimensions of music</p> <p>Listen with attention to detail and recall sounds with increasing aural memory</p> <p>Use and understand staff and other musical notations</p> <p>Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians</p> <p>Develop an understanding of the history of music.</p>

<p>Physical Education</p>	<p>Use running, jumping, catching and throwing in isolation and in combination</p> <p>Play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending</p> <p>Develop flexibility, strength, technique, control and balance</p> <p>Perform dances using a range of movement patterns</p> <p>Take part in outdoor and adventurous activity challenges both individually and within a team</p> <p>Compare their performances with previous ones and demonstrate improvement to achieve their personal best.</p>
<p>MFL</p>	<p>Listen attentively to spoken language and show understanding by joining in and responding</p> <p>Explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words</p> <p>Engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help</p> <p>Speak in sentences, using familiar vocabulary, phrases and basic language structures</p> <p>Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases</p> <p>Present ideas and information orally to a range of audiences</p> <p>Read carefully and show understanding of words, phrases and simple writing</p> <p>Appreciate stories, songs, poems and rhymes in the language</p> <p>Broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary</p> <p>Write phrases from memory, and adapt these to create new sentences, to express ideas clearly</p> <p>Describe people, places, things and actions orally and in writing</p> <p>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 language; how to apply these, for instance, to build sentences; and how these differ from or are similar to English.</p>