|       | Term 1   | Term 2   | Term 3  |
|-------|--|--|---|
|       | Extreme Earth (Geography)  | Who were the Mayans? (History)   | Onwards & upwards (Science)   |
| Art   | Main project: Recreate Hokusai's 'The Great Wave' by using printing.  N.C Statements Pupils will be taught:  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]  about great artists, architects and designers in history | Main project: Finding out about the skills needed for detailed drawings. Practising 'still-life' sketching and then looking at the drawings of Frederick Catherwood (finding out which techniques he used, including 'Camera Lucida'.)  Investigating how tracing pictures can help us add detail.  N.C Statements Pupils will be taught:  • 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]  • about great artists, architects and designers in history | Main project: Using real-life natural items (focus on flowers and plants) and taking photographs. Looking at the artwork and techniques used by Danielle O'Connor Akiyama. Pupils will combine media, e.g. photographs and acrylic paint to produce their final piece. Y6 - Produce props for production.  N.C Statements Pupils will 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 [for example, pencil, charcoal, paint, clay] |
| D & T | Main project: Researching structures which can withstand wind. Creating a floating raft or boat.  N.C Statements Pupils will be taught:  to investigate and analyse a range of existing products  to apply their understanding of how to strengthen, stiffen and reinforce more complex structures   | Main project: Textile and sewing skills - investigation into Mayan patterns and making a Mayan accessory. Enrichment task: Learning about Mayan food - and making tortillas/filled wraps. Finding out about the origin of chocolate.  N.C Statements Pupils will be taught to: Design  use research and develop design criteria to inform the design of innovative, functional, appealing products that  | Designing and making bug houses for use in the sensory garden.  Y6 - Produce props for production  N.C Statements Pupils will 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   |

## Learning about plate tectonics.

#### **N.C Statements**

Pupils will be taught to:

### Locational 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
- 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

Geographical skills and fieldwork

South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities

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
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### **N.C Statements**

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### Locational 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

### 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

### Geographical skills and fieldwork

 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.

|           | a use many atlases globes and digital/serveriter   | T  |   |
|-----------|--|--|---|
|           | <ul> <li>use maps, atlases, globes and digital/computer</li> </ul>   |  |   |
|           | mapping to locate countries and describe features  |  |   |
|           | studied  |  |   |
|           |  |  |   |
| History   | Learning about natural disasters throughout history, both recent (e.g. the 2004 Boxing Day tsunami) or ancient (e.g. the eruption of Mount Vesuvius near Pompeii.)  N.C Statements Pupils will be taught about:  • changes in Britain from the Stone Age to the Iron | Learning what daily life was like for a person from the Ancient Mayan civilisation and comparing Mayan life to life nowadays.  Constructing a timeline of key events from the Mayan period. Learning about Frederick  Catherwood and the way that his discoveries were documented. | Placing key events from the last 500 million years on a timeline, e.g. the Jurassic Period, Permian Period or Cambrian Explosion.  Exploring the different stages of man, and looking at where these early humans lived.  Studying the work of Carl Linnaeus and Charles Darwin |
|           | Age  |  |   |
|           |  | N.C Statements  Pupils will be taught about:  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. | N.C Statements  Pupils will be taught about:  • changes in Britain from the Stone Age to the Iron  Age  |
| Computing | Key skills and E-safety  | Key skills and E-safety  | Key skills and E-safety   |
|           | 5.4 We are Web Developers - making sense of  | 5.3 We are Architects - creating a virtual space   | 6.3 We are Publishers - creating a year book  |
|           | the Internet and building a website  | 5.6 We are VR Designers - Experimenting with   | or magazine   |
|           | 6.2 We are Computational Thinkers -  | virtual augmented reality  | 6.6 We are AI Developers - Learning about   |
|           | mastering algorithms for searching, sorting and mathematics.  N.C Statements   | N.C Statements  Pupils will be taught to:  design, write and debug programs that accomplish  specific goals, including controlling or simulating physical  | artificial intelligence and machine learning  N.C Statements  Pupils will be taught to:  design, write and debug programs that accomplish   |
|           | Pupils will be taught to:  design, write and debug programs that accomplish  |  | specific goals, including controlling or simulating   |
|           | specific goals, including controlling or simulating  | systems; solve problems by decomposing them into   | physical systems; solve problems by decomposing   |
|           | physical systems; solve problems by decomposing  | smaller parts  |   |
|           | them into smaller parts  |  | them into smaller parts   |
|           | them med smaller parts   |  |   |

|                     | Christmas production  N.C Statements Pupils should be taught to:  | N.C Statements Pupils should be taught to:  | Y6 - Leaving concert  N.C Statements Pupils should be taught to:  |
|---------------------|---|---|---|
| scheme              | Emotions and Musical Styles   | Blown away recorder Book 2  | Identifying important musical elements  |
| Music -<br>Charanga | Getting started with Music Tech   | Exploring key and time signatures   | Words, meaning and expression   |
|                     | <ul> <li>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</li> <li>use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</li> <li>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</li> <li>use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</li> </ul> | <ul> <li>use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</li> <li>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</li> <li>use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</li> <li>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</li> <li>use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report</li> </ul> | <ul> <li>use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</li> <li>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</li> <li>use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</li> <li>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</li> <li>use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report</li> </ul> |
|                     | <ul> <li>use sequence, selection, and repetition in programs;</li> <li>work with variables and various forms of input and</li> </ul>  | <ul> <li>use sequence, selection, and repetition in programs;</li> <li>work with variables and various forms of input and</li> </ul>  | <ul> <li>use sequence, selection, and repetition in programs;</li> <li>work with variables and various forms of input and</li> </ul>  |

- 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

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- 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.

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## PE Tennis

Use running, jumping, throwing and catching in isolation and in combination.

Play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending.

## Swimming/ OAA

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

## **Gymnastics Y6**

Develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics]

Perform dances using a range of movement patterns. Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

### Handball

Use running, jumping, throwing and catching in isolation and in combination.

Play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football,

### Athletics Y6.

gymnastics.

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.

Develop flexibility, strength, technique, control and balance [for example, through athletics and

[for example, front crawl, backstroke and breaststroke] perform safe self-rescue in different water-based situations.

Take part in outdoor and adventurous activity challenges both individually and within a team

## Rugby

Use running, jumping, throwing and catching in isolation and in combination.

Play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending.

## **Swimming/Fitness**

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.

Develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics]

hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending. Develop flexibility, strength, technique, control and

balance [for example, through athletics and gymnastics]

#### Basketball

Use running, jumping, throwing and catching in isolation and in combination.

Play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending. Develop flexibility, strength, technique, **control** and balance [for example, through athletics and gymnastics]

### **Dance**

Develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics]

Perform dances using a range of movement patterns. Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

### Cricket

Use running, jumping, throwing and catching in isolation and in combination.

Play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending.

Develop flexibility, strength, technique, control and

balance [for example, through athletics and gymnastics]

#### **Rounders**

Use running, jumping, throwing and catching in isolation and in combination.

Play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending.

Develop flexibility, strength, technique, control and

balance [for example, through athletics and gymnastics]

## **Dodgeball**

Use running, jumping, throwing and catching in isolation and in combination.

Play competitive games, modified where

appropriate [for example, badminton, basketball,

|            |   |  | cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending.  |
|------------|---|--|---|
| MFL -      | Ilya+   | Days of the week   | Breakfast and French desserts   |
| French (Y5 | Directions  | Months of the Year and numbers to 50   | Days of the week/months and   |
| Wakefield) | Asking where places are and days of the week  | Je vais + verb (immediate future)  | weather/seasons   |
|            | Christmas   | Fruit Food items   | Where you live J'habite   |
|            | <ul> <li>N.C Statements</li> <li>Pupils should be taught to:</li> <li>listen attentively to spoken language and show understanding by joining in and responding</li> <li>explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words</li> <li>engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help*</li> <li>speak in sentences, using familiar vocabulary, phrases and basic language structures</li> <li>develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases*</li> <li>present ideas and information orally to a range of audiences*</li> <li>read carefully and show understanding of words, phrases and simple writing</li> <li>appreciate stories, songs, poems and rhymes in the language</li> <li>broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary</li> </ul> | N.C Statements Pupils should be taught to:  Iisten 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  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 | <ul> <li>N.C Statements</li> <li>Pupils should be taught to:</li> <li>listen attentively to spoken language and show understanding by joining in and responding</li> <li>explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words</li> <li>engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help*</li> <li>speak in sentences, using familiar vocabulary, phrases and basic language structures</li> <li>develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases*</li> <li>present ideas and information orally to a range of audiences*</li> <li>read carefully and show understanding of words, phrases and simple writing</li> <li>appreciate stories, songs, poems and rhymes in the language</li> <li>broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary</li> </ul> |

|                        | <ul> <li>write phrases from memory, and adapt these to create new sentences, to express ideas clearly</li> <li>describe people, places, things and actions orally* and in writing</li> <li>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</li> </ul> | <ul> <li>describe people, places, things and actions orally* and in writing</li> <li>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</li> </ul> | <ul> <li>write phrases from memory, and adapt these to create new sentences, to express ideas clearly</li> <li>describe people, places, things and actions orally* and in writing</li> <li>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</li> </ul> |
|------------------------|--|--|--|
| PSCHE                  | Jigsaw - Being me in my world Y5   | Jigsaw - Dreams and goals Y5   | Jigsaw - Relationships Y5  |
|                        | Celebrating difference Y5  | Healthy me Y5  | Changing Me Y5   |
|                        | Explore how aid agencies & charities respond to natural disasters & what individuals can do Reducing carbon footprint  |  |  |
| RE                     | Unit 4: How and why do some people inspire others? (2018-2023 syllabus)  | Unit 7: What helps Hindu people as they try to be good? (2018-2023 syllabus)   | Unit 2: Creation and science: conflicting or complementary? (2018-2023 syllabus)   |
|                        | Unit 12: How does faith enable resilience? (2018-2023 syllabus)  | Unit 5: How do Christians decide how to live? 'What would Jesus do?' (2018-2023 syllabus)  | Unit 3: What matters most to Humanists and Christians? (2018-2023 syllabus)  |
| Science                | Creating electrical circuits and thinking about  | Recognising how light travels, and carrying out an   | Learning about fossils, and making replicas of   |
| On-going               | what life would be like without electricity.   | investigation involving the angle of incidence and   | animal fossils. Finding out about inheritance,   |
| Gather,                | Planning and carrying out an investigation   | the angle of reflection. Pupils will also be   | and understanding how certain traits and   |
| record,                | where one variable is changed. Learning about  | measuring shadows and moving light sources   | characteristics are passed from one  |
| classify,<br>present   | reversible and irreversible changes, and how some materials react with others. Baking soda   | closer to, or further away from, an object. Creating a PowerPoint presentation to explain the  | generation to another. Learning how animals are adapted to their environment and   |
| data, record findings, | and vinegar/coke and mentos experiment.  | role of the circulatory system.  | designing a new 'adapted' creature.  |
| present<br>findings    | N.C Statements Electricity (Y6 N.C)  | N.C Statements Light (Y6 N.C)  | N.C Statements Evolution & Inheritance (Y6 N.C)  |

| using evidence to support these   | <ul> <li>Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit</li> <li>Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches</li> <li>Use recognised symbols when representing a simple circuit in a diagram.</li> </ul> | <ul> <li>Recognise that light appears to travel in straight lines</li> <li>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</li> <li>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</li> <li>Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.</li> <li>Working scientifically: Using shadows to tell the time, shadow theatre, refraction etc.</li> <li>Animals including humans (Y6 N.C)</li> <li>Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood</li> <li>Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function</li> <li>Describe the ways in which nutrients and water are transported within animals, including humans.</li> </ul> | <ul> <li>Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago</li> <li>Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents</li> <li>Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.</li> <li>Working scientifically: Charles Darwin Study Galapagos islands</li> <li>Living things and their habitats (Y5 N.C)</li> <li>Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird – repeated in Year B</li> <li>Describe the life process of reproduction in some plants and animals – repeated in Year B</li> <li>Animals, including humans (Y5 N.C)</li> <li>Describe the changes as humans develop to old age – repeated in Year B</li> </ul> |
|-----------------------------------|--|--|--|
| Visits/<br>Visitor<br>suggestions | Science Day - Volcanoes  | Visit to Cadbury World<br>VR experience  | Trip to Tring Natural History Museum Y5 Residential  |

| Comments | Maths - input data into bar graphs to show temperatures | Maths - Mayan number system  English texts: The Chocolate tree - A Mayan                 | English text - What Mr Darwin Saw - by Mick<br>Manning and Brita Granstrom<br>Evolution Revolution - Robert Winston Non- |
|----------|---|--|--|
|          | English text - Running Wild Michael Morpurgo (Tsunami)  | Folktale by Linda Lowery and Richard Keep The Hero Twins - Against the Lords of Death (A | Fiction  |
|          |   | Mayan Myth) - Dan Jolley   | Produce a Welcome brochure to welcome children & parents to Edith Cavell Primary   |
|          |   | Other English opps - instructions for Pok-ta-Pok   |  |
|          |   | Recipe for hot chocolate   |  |
|          |   |  |  |