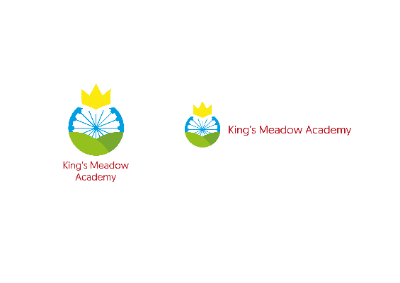
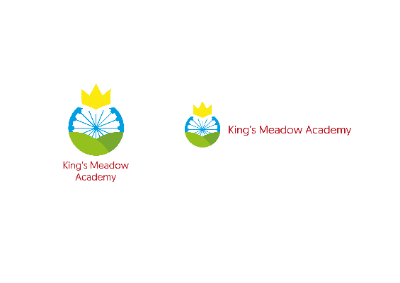
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| **TERM**  **KMA UPPER KEY STAGE TWO LONG TERM PLANS**  **CYCLE A – 2022-2023** | | **AUTUMN 1** | **AUTUMN 2** | **AUTUMN 2 PART B** | **SPRING 1** | **SPRING 2** | **SUMMER 1** | | **SUMMER 2** |
| **THEME** | | **Australia/Borneo & Ecology** | **Discovering Islamic civilization** |  | **UK countries, land use and change over time** | **Vikings Raids and Invasions** | **Discovering The Incas civilization** | | **The Amazing South America** |
| **Curriculum Driver:**  **Geography/**  **History** | | **GEOGRAPHY**  *Physical and human*  *knowledge and skills* | **HISTORY**  *Non-European society – contrasts with British history* | **RE** | **GEOGRAPHY**  *Place and locational knowledge and skills*  *Human and physical knowledge and skills* | **HISTORY**  *The struggle between Vikings and Anglo-Saxons* | **HISTORY**  *The earliest civilisations* | | **GEOGRAPHY**  *Place and locational skills*  *Fieldwork knowledge*  *Human & physical knowledge and skills* |
| **ENGLISH** | | Kensuke’s Kingdom  *Michal Murpurgo* | Voyage of Sparrowhawk  *Natasha Farrant* | | Room 13  *Robert Swindells* | Cardboard Cowboys  *Brian Conaghan*  April 2021  Beowulf  *Michal Morpurgo* | Treasure Island  *Robert Louis Stephenson* | | The Explorer  *Katherine Rundell* |
| **Maths Year 5** | Number | Place Value  Addition and Subtraction  Statistics | Multiplication/Division  Statistics | Multiplication/ Division | Fractions  Decimals/ Percentages | Fractions  Decimals | |  |  |
| **Geometry**  **Measurement** |  | Perimeter and Area |  |  |  | | Properties of Shape  Position and Direction  Converting Units | Volume |
| **Maths**  **Year 6** | **Number** | Place Value  Addition, Subtraction, Multiplication and Division  Fractions | Fractions  Decimals | Percentages  Algebra |  | Ratio | | Problem Solving  Statistics | Investigations |
| **Geometry**  **Measurement** |  | Position and Direction |  | Converting Units Perimeter, Area and Volume | Properties of Shape | |  |  |
| **SCIENCE** | **Working Scientifically**  **(see progression**  **guidance)**  **Scientific investigation**  **Scientist study** | Evolution and inheritance (Year 6)  *Resemblance/differences in offspring; changes in animals over time; adaptation and evolution to environments; changes to human skeleton over time.*  Compare how some living things have adapted to their environment.  Charles Darwin | Electricity (Year 6)  *Voltage of cells to increase brightness of lamp or volume of buzzer; Variations in how components function; Symbols when representing circuits in a diagram*  Design and make a set of traffic lights. | | Properties and changes of materials (Year 5)  *Examine the properties of materials using various tests; Look at solubility and recovering dissolved substances; Particular uses of everyday materials; Separate mixtures; Examine changes to materials that create new materials that are usually not reversible.*  Carry out tests to answer questions, for example, ‘Which materials would be the most effective for making a warm jacket, for wrapping ice cream to stop it melting, or for making blackout curtains?  Spencer Silver | | Forces (Year 5)  *Gravity and drag forces;*  *Air and water resistance, friction; transference of forces in gears, pulleys, levers and springs.*  Design and make a variety of parachutes.  Isaac Newton | | Light (Year 6)  *Light travels in straight lines; Light travelling from light sources so we can see; Shadows have the same shape as objects that cast them* |
| **PSHE/RHSE**  **SCARF Year 5** | | Me and my relationships | Valuing difference | | Keeping myself safe | Rights and responsibilities | Being my best | | Growing and changing |
| **Art &Design**  **Morris**  **Rousseau** | | **Drawing**  Aboriginal Art |  | **Printing**  William Morris  Lino printing |  | **Textile/Collage**  Viking ship collage scene |  | | **Paint**  Rousseau  Jungle Paintings |
| **Design & Technology** | |  | **Cooking**  Quiche |  | **Construction**  Create a building that contains a light bulb or buzzer |  | **Textiles**  Design an outfit for the Incas | |  |
| **PE** | | Tag Rugby | Dance | | Gymnastics | Netball | Y5 – Cricket  Y6 – Rounders  Orienteering | | Y5- Football  Y 6 - Athletics |
| **RE** | | **Living**  What matters most to Christians and Humanists? | | | **Believing**  What do religions say to us when life gets hard? | **Expressing**  Is it better to express your religion in arts and architecture or in charity and generosity? | **Believing**  What would Jesus do? Can people live by the values of Jesus in the twenty-first century? | | |
| **MFL**  **Language Angels Y4** | | Presenting myself | Family  Family | | My home | Habitats | Classroom | | The Tudors |
| **MUSIC**  **Charanga** | | Y5 – Living on a prayer | Y5 – Classroom Jazz 1 | | Y5-Make you feel my love | Y5 – The Fresh Prince of Bel-Air |  | | Y5 & Y6 – Reflect, Revisit and Rewind |
| **Computing** | | Computer Systems and Networks (Y6): Communication | Creating Media (Y5): Vector Drawing Instead of Vector drawing use PPT/Publisher | | Programming A (Y5) Selection in physical computing Instead of using Crumbles- Code.org (Course D lessons 10-4 and 18) | Data and Information (Y5): Flat file Databases | Creating Media (Y6): 3D Modelling | | Programming B (Y6)- Sensing (variables): Instead of Microbits use: https://makecode.microbit.org/ |

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**KMA UPPER KEY STAGE TWO LONG TERM PLANS**

**CYCLE B**

**2021-2022**

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| **TERM** | | | **AUTUMN 1** | **AUTUMN 2** | **AUTUMN 2 PART B** | **SPRING 1** | **SPRING 2** | **SUMMER 1** Photographer to visit | **SUMMER 2** | |
| **THEME** | | **Exploring Germany** | | **Battle of Britain** |  | **British Explorers over time**  **Extreme Explorers** | **Extreme Earth**  *(Volcanoes/*  *Earthquakes)* | **The Amazing North America** | | **How did the Ancient Greeks change the world?** |
| **Curriculum Driver:**  **Geography/**  **History** | | **GEOGRAPHY**  *Place and locational knowledge*  *Physical and human knowledge and skills* | | **HISTORY**  *British history that extend beyond 1066* | **RE** | **HISTORY**  *British history that extend beyond 1066* | **GEOGRAPHY**  *Human and physical skills*  *Place and location skills* | **GEOGRAPHY**  *Place and locational skills*  *Fieldwork knowledge*  *Human & physical knowledge and skills* | | **HISTORY**  *Ancient Greece*  Greek life and achievements |
| **ENGLISH** | | | Good Night Mr Tom  *Michelle Magorian* | Letters from the lighthouse  *Emma Carroll* | | Brightstorm – a sky ship adventure By *Vashti Hardy* | Two sisters: A story of Freedom  *Kereen Getten* | The Shark Caller  *Zillah Bethell* | Boy Giant  *Michal Murpurgo* | |
| **Maths Year 5** | **Number** | Place Value  Addition/Subtraction | | Statistics  Multiplication/Division | Multiplication/Division | Fractions | Decimals/Percentages  Decimals |  | |  |
| **Measure-ment**  **Geometry** |  | |  | Perimeter and Area |  |  | Properties of Shape  Position and Direction | | Converting Units  Volume |
| **Maths**  **Year 6** | **Number** | Place Value  Addition, Subtraction, Multiplication and Division  Fractions | | Fractions | Decimals  Percentages | Algebra | Ratio | Problem Solving  Statistics | | Investigations |
| **Measure-ment**  **Geometry** |  | | Position and Direction |  | Converting Units  Perimeter, Area and Volume | Properties of Shape |  | |  |
| **Science** | **Working Scientifically**  **(see progression**  **guidance)**  **Scientific investigation**  **Scientist study** | | Earth and Space  *Describe movement of Earth relative to the sun and the solar system; Movement of Moon relative to Earth; Earth’s rotation to explain day and night*  Jocelyn Bell Burnell | | | Living things and their habitats (Year 5)  *Life cycle of an animal, insect and a bird; Process of reproduction in some plants and animals*  Observe changes in an animal over a period of time.  Living things and their habitats (Year 6)  *Living things classified into broad groups; Reasons for classifying plants and animals*  Research unfamiliar animals and plants from a broad range of other habitats  Carl Linnaeus | | Animals including humans (Year 5)  *Changes as humans develop to old age*  Research gestation periods of other animals and compare them to humans.  Animals including humans (Year 6)  *Name main parts of human circulatory system; functions of heart, blood vessels and blood; impact of diet, exercise, drugs and lifestyle on body; ways nutrients and water and transported in animals*  Louis Pasteur, Marie Curie | | |
| **PSHE/RHSE**  **SCARF Year 6** | | | Me and my relationships | Valuing difference | | Keeping myself safe | Rights and responsibilities | Being my best | Growing and changing | |
| **Art & Design**  **Klee** | | | **Drawing**  Paul Klee |  | **Textiles**  Create a Christmas decoration/card |  | **Painting**  Painting a scene of a volcano using mixed media |  | **3D form**  Greek Pottery | |
| **Design &**  **Technology** | | |  | **Cooking**  Apple pie |  | **Construction**  Create a time machine that moves |  | **Textiles**  Create an outfit for an American Indian Chief |  | |
| **PE** | | | Tag Rugby | Dance | | Gymnastics | Netball | Y5 – Cricket  Y6 – Rounders  Orienteering | Y5- Football  Y 6 - Athletics | |
| **RE** | | | **Believing**  Why do some people believe God exits? | **Expressing**  If God is everywhere why go to a place of worship? | | **Living**  What does it mean to be a Muslim in Britain today? | | **Living**  What difference does it make to believe in Ahimsa (harmlessness), Grace, and Ummah (community)? | | |
| **MFL - Spanish**  Language Angels Y3 | | | I’m Learning Spanish | Animals | | Fruits | Musical Instruments | Ancient Britain | I can ….. | |
| **MUSIC**  Charanga | | | Y6 - Happy | Y5 – Classroom Jazz | | A New Year Carol | Y5 – The Fresh Prince of Bel-Air | Y6 – Music identity | Y5 & Y6 – Reflect, Revisit and Rewind | |
| **Computing** | | | Computer Systems and Networks (Y5): Sharing Information | Creating Media (Y5): Video Editing | | Programming B (Y5): Selection in Quizze | Creating Media (Y6): Webpage creation- use code club instead | Data and Information (Y6): Spreadsheets | Programming A (Y6): Variables in games | |