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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 2021Beowulf*Michal Morpurgo* | Treasure Island*Robert Louis Stephenson* | The Explorer*Katherine Rundell* |
| **Maths Year 5** | Number | Place ValueAddition and SubtractionStatistics | Multiplication/DivisionStatistics | Multiplication/ Division | FractionsDecimals/ Percentages | FractionsDecimals |  |  |
| **Geometry****Measurement** |  | Perimeter and Area |  |  |  | Properties of ShapePosition and DirectionConverting Units | Volume |
| **Maths****Year 6** | **Number** | Place ValueAddition, Subtraction, Multiplication and DivisionFractions | FractionsDecimals | PercentagesAlgebra |  | Ratio | Problem SolvingStatistics | 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 MorrisLino printing |  | **Textile/Collage**Viking ship collage scene |  | **Paint** RousseauJungle 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 – CricketY6 – RoundersOrienteering | Y5- FootballY 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 | FamilyFamily | 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 ValueAddition/Subtraction | StatisticsMultiplication/Division | Multiplication/Division | Fractions | Decimals/PercentagesDecimals |  |  |
| **Measure-ment****Geometry** |  |  | Perimeter and Area |  |  | Properties of ShapePosition and Direction | Converting UnitsVolume |
| **Maths****Year 6** | **Number** | Place ValueAddition, Subtraction, Multiplication and DivisionFractions | Fractions | DecimalsPercentages | Algebra | Ratio | Problem SolvingStatistics | Investigations |
| **Measure-ment****Geometry** |  | Position and Direction |  | Converting UnitsPerimeter, 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 habitatsCarl 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 – CricketY6 – RoundersOrienteering | Y5- FootballY 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 |