

Highfield Primary School

Curriculum Planning:

Topics & mapping

Topics:

Autumn – Step Back in Time

Spring – Active Planet

Summer – Sensational Sculpture

British Values

Year: 4

| 2018-19 | | | | | | |
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| Autumn term Step Back in Time | | | Spring term Active Planet | | Summer term Sensational Sculpture | |
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| C | La Mariposa <i>Tolerance</i> | Varjak paw <i>Individual Liberty</i> | The Iron Man <i>Mutual Respect and Tolerance</i> | The Sad Book | The Green Ship | The Village that Vanished |
| Science | <p>All Living Things Identify and study plants and animals in their habitat and how the habitat changes throughout the year. Recognise that environments can change and that this can sometimes pose dangers to living things. Take photos & complete habitat report to compare when re-visit</p> <p><i>Including school pond bug hotel etc</i></p> | <p>Sound Identify how sounds are made 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 Find patterns between the volume of a sound and the strength of the vibrations Recognise that sounds get fainter as the distance from the sound source increases Data loggers</p> | <p>Electricity Identify common appliances Construct a simple series electrical circuit Identify whether or not a lamp will light in a simple series circuit Recognise that a switch opens and closes a circuit Recognise some common conductors and insulators, and associate metals with being good conductors. <i>British inventions/inventors - Electric motor: Michael Faraday, 1821 Television: John Logie Baird, 1925</i></p> | <p>Re-visit & extend – All Living Things Identify and name a variety of living things (plants and animals) in the local and wider environment, using classification keys to assign them to groups Recognise that environments can change and that this can sometimes pose dangers to living things. <i>Including school pond, bug hotel etc</i></p> | <p>Animals, Including Humans 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.</p> | <p>States of Matter Compare and group materials together, according to 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.</p> |
| Hist / geog | <p>H Develop chronological understanding: timelines Plot recent history on a timeline using centuries H The Roman Empire & its impact on Britain incl. legacy – eg roads, sanitation, aqueducts <i>London's amphitheatre</i> History Day</p> | <p>H Britain's Settlement by Anglo-Saxons & Scots including Roman withdrawal from Britain & fall of the Western Roman Empire</p> | <p>G Volcanoes & Earthquakes – (human & physical G of a region in a European country) eg Mt Etna - Sicily, Vesuvius, Pompeii/Herculenum Compare to a region in the UK (<i>eg Sicily and Skye</i>)</p> | <p>G Europe – incl mapping skills, environmental regions, key physical & human characteristics, countries & major cities, climate zones, biomes & vegetation belts</p> | <p>G Local area fieldwork – observe, measure & record human & physical features incl sketch maps, plans & graphs & digital technologies</p> | <p>G Physical - The Water Cycle Human – distribution of natural resources including energy, food, materials & water <i>Weather station</i></p> |

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| RE | Unit A1 Sukkot exploring Judaism through the Synagogue | Visiting a place of worship BV – Tolerance and acceptance of the beliefs of others. Comparing faiths. | Unit B1 Living as a Hindu | Unit B2 The Church a Christian community | Unit A2 The Qu’ran and the prophet Mohammad (PBUH) | Unit C2 How does the life of Guru Nanak teach about respect and equality? |
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2018-19

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| Art & Design | <p>Each term: Use sketch books to record their observations Learn about great artists, architects and designers in history. How have different artists depicted the human form/beauty through time? From Prehistoric figures, Pre-Columbian figures, Ancient Egyptian, Greek pots, Roman statues, middle ages, Renaissance, Picasso etc. Create and explore artistic timeline</p> | <p>Learn about great artists, architects and designers in history. <i>Roman sculpture</i> <i>Charcoal portraits of rulers – Michelangelo</i> <i>Perspective and composition</i> <i>Mosaics</i> <i>Anglo-Saxon Art & Culture – jewellery design & construction</i></p> | <p><i>Volcanoes in art - Turner to Warhol</i></p> | <p><i>Banksy – subversive art</i></p> | <p>Improve mastery of drawing, painting and sculpture techniques with a range of materials</p> | <p>Improve mastery of drawing, painting and sculpture techniques with a range of materials</p> |
| D & T | <p>Each term: Design, make, evaluate + technical knowledge</p> | | <p>Understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]eg make a torch or alarm system</p> | | <p>Design & make nutritious meals</p> | |
| PE | <p>1) Gym Balance/counter balance 2) Net/wall <i>Directing the ball</i> Tennis</p> | <p>1) Dance 2) Motor skills Indoor athletics/FMS</p> | <p>1) Gym <i>Receiving body weight</i> 2) Invasion games <i>Keeping possession of the ball</i> Rugby</p> | <p>1) Dance 2) Invasion games <i>Marking and tackling</i> BV – The rule of law – ‘Rules of the game’ Football</p> | <p>1) Striking and fielding 2) Athletics <i>Developing good running, jumping and throwing techniques</i> Rounders</p> | <p>1) Athletics 2) Outdoor ed Orienteering/Climbing Wall</p> |
| ICT/Computing | <p>Programming: Developing a simple educational game E safety (thinkuknow.com) BV – Individual Liberties- Rights and responsibilities</p> | <p>Programming: Prototyping an interactive toy</p> | <p>Understand computer networks including the internet: Editing and writing HTML E safety (thinkuknow.com) BV – Individual Liberties- Rights and responsibilities</p> | <p>Use sequence, selection and repetition in programs: Producing digital music</p> | <p>Use technology safely E safety (thinkuknow.com) BV – Individual Liberties- Rights and responsibilities</p> | <p>Use search technologies effectively/Select,use and combine a variety of software - Presenting the weather</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 Recorder lessons</p> | <p>Improvise and compose music for a range of purposes using the inter-related dimensions of music Use and understand staff and other musical notations Recorder lessons</p> | <p>Use and understand staff and other musical notations</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> |
| MFL | <p>Portrait including colours, the face and body parts</p> | <p><i>Optional (Linguascope)</i> face descriptions family members</p> | <p>Les quatre amis (The Four Friends) Extend to visiting different countries</p> | <p><i>Optional (Linguascope)</i> In the classroom</p> | <p>Ça pousse! (Growing things) Bean plants</p> | <p><i>Optional (Linguascope)</i> Where I live The weather Celebrations – Bastille Day</p> |

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| PSHE | <p>E-safety <i>Be Proud of Who You Are Week/BV</i> Emotional barriers to learning Coping with disappointment Developing resilience Celebrating each other's strengths</p> | <p>Different types of relationships When relationships go wrong Losing someone we care about Protecting against cyberbullying <i>BV – Individual Liberties. Rights and responsibilities</i></p> | <p>Review e-safety Growing & Changing What is puberty? Puberty changes and reproduction Changes in relationships at home Being Active</p> | <p>Habits and self-control Effects of Alcohol Alcohol and risk Limits to drinking alcohol Choosing the right health service</p> | <p>Review e-safety Housing needs and wants Home is.. R&R at home Celebrations in different cultures Accepting differences</p> | <p>Celebrating Differences & Tackling Homophobia Keeping records Using accounts to keep money safe What are charities? Rules & responsibilities in society</p> |
| Trips | <p><i>Dugdale – Roman Enfield School Session</i></p> | <p>Visiting a place of worship: Synagogue History Workshop – History off the Page Anglo-Saxons</p> | <p>Science Museum</p> | | <p>Lea Valley/ Broomfield Park</p> | <p>Woodcroft Wildspace</p> |