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|  | **AUTUMN 1** | **AUTUMN 2** | **SPRING 1** | **SPRING 2** | **SUMMER 1** | **SUMMER 2** |
| **PHILOSOPHY** | **CARE**  Charities, environment, respect | | **GROW**  Growth mindset, resilience, independence | | **SHINE**  Independence, initiative, growth mindset | |
| **Focused Weeks** |  | *Parliament week* |  |  | *Arts Week* |  |

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| **SCIENCE** | **Electricity** | **States of matter** | **Animals and humans**  **Teeth and digestion** | **Sound** | **Living Things - Classification** | **Living Things - Habitats** |
| **Knowledge** | Making a complete circuit  Knowing what materials are conductors and insulators and using this to create switches. | Solids, liquids and gases, how materials can be changed from one state to another.  Water cycle. | Types of teeth match to purpose, herbivore, carnivore, omnivore.  Function of different parts of the digestive system. | Sound is vibrations and how these travel.  Changes in pitch  and volume.  sound changes in different distances | Identifying producers, predators and prey in a variety of food chains.  Know and use classification keys for plants and animals in the local area. | Use classification keys to identify and group a range of plants and animals from a range of habitats.  +ve and -ve human effect on environments |
| **Specific vocabulary** | cell, battery, bulb, buzzer, current, | solid, liquid, gas, evaporation, condensation, freezing, heating, | canine, incisor, molar, wisdom, digestion, stomach, oesophagus, intestine | Volume, Vibration, Wave, Pitch, quiet, loud, particles, instruments,  Sound, source, travel | producer, consumer, predator, prey, food chain | classification key, habitat, food web, pollution, nature reserve |
| **Cultural Capital**  **Famous People/Events.**  **Past and Present.** | Thomas Eddison  (First Working Lightbulb) | Anders Celcius  (Celcius Temperature Scale)  Daniel Fahrenheit  (Fahrenheit Temperature Scale / Invention of the Thermometer) | Ivan Pavlov  (Digestive System Mechanisms) | Alexander Graham Bell  (Invented the Telephone) | Charles Elton  (Food webs) | Carl Linnaeus |
| **Subject links e.g. Maths, English** |  | maths – reading scales, negative numbers. |  |  | maths - data collection | maths - data collection |
| **Links to other subjects** | DT unit on torches |  | PSHE – being healthy | Music – pitch of a sound. Different instruments.  Computing – use of data logger |  | Geography – human impact on the environment. |

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| **HISTORY** | **Roman Empire**  **Boudicca and the fall of the Roman Empire** |  | **Invasion – Scots, Picts, Anglo Saxons and Vikings** |  | **Crime and Punishment**  **British History beyond 1066** |  |
| **Knowledge** | Resistance they faced from  Boudicca.  Hadrian’s Wall  Fall of Western Roman Empire |  | Scots invasion from Northern Ireland  Anglo Saxon invasions  Viking attack on Lindisfarne  Edward the Confessor, his death in 1066 and the rule of William the Conqueror. |  | Different types of punishment.  Romans  Anglo Saxon  Tudors  Dick Turpin  Victorians  Look at photographic evidence to discuss what we know. |  |
| **Specific Vocabulary** | rebel, ally, resistance, power, empire, Hadrian’s wall |  | Invade, Scot, Picts, Anglo Saxons, Vikings, raid, Lindisfarne, Saxon Chronicle |  | rack, girdle, stocks, exile, wergild, judge, jury, crime, punishment, prison, hard labour |  |
| **Cultural Capital**  **Famous People/Events.**  **Past and Present.** | Boudicca  Freedom fighter |  | Battle of Hastings 1066 |  | Sir Robert Peel  Development of ethical police force. |  |
| **Subject links e.g. Maths, English** |  |  | Eng - story Beowolf |  |  |  |
| **Links to other subjects** | Geography – places names in UK |  | Geography – place names of UK/Europe |  |  |  |

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| **GEOGRAPHY** |  | **Britain from the air – Map Skills** |  | **Region of the UK – Northwest** |  | **Europe - Italy**  **(Comparison Study)** |
| **Knowledge** |  | Look at a range of maps and photographs - match them together.  Aerial views. identify from aerial views famous landmarks around the world.  Identify from a map whether it is urban, rural, or coastal regions.  Famous landmarks  4 figure qrid references read, find place, add to maps. |  | Locate area of Northwest on UK map and the counties it contains.  Identify main cities and some of the key human and physical features and landmarks found there.  weather.  Land patterns how they have changed over time e.g. – Buckshaw Village development. Compare maps. |  | Location of Italy in Europe  Human. Name key cities – Rome, Venice. Identify famous landmarks Colosseum, Leaning tower of Pisa, St Marks Basilica.  Physical. Name and locate Mt Vesuvius, Mt Etna, River Po  Compare London to Rome.  Compare Scilly food grown to UK |
| **Specific Vocab** |  | aerial, urban, rural, coastal, grid references, key, |  | mountains, hills, rivers, land-use, development, Landmark, city |  | Italy, Peninsula, Alps, Apennines, Vesuvius, Mt Etna, Sicily, Mediterranean Sea  vegetation |
| **Cultural Capital**  **Famous People and events. Past and Present.** |  | William Morris  Davis |  | Beatles – Liverpool  Emmeline Pankhurst - Manchester |  | Mt Vesuvius eruption – Pompeii. |
| **Subject links e.g., Maths, English** |  | Maths – Co-ordinates. |  |  |  |  |
| **Links to other subjects** |  | Art- perspective |  | Music – Beatles  History – Emmeline Pankhurst |  | Geography – volcanoes work in year 3 |

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| **RE** | **Hinduism**  What might a Hindu learn from celebrating Diwali? | **Christianity God**  How and why might Christians use the Bible? | **Sikhism**  How do Sikh’s express their beliefs and values? | **Christianity Jesus**  Is sacrifice an important part of religious life? | **Islam**  Why Muslims fast during Ramadan? | **Christianity Church**  What does ‘love your neighbour’ really mean? |
| **Knowledge** | Good versus evil, when do we see this  Story of Rama and Sita  Symbolism of light  avatar Vishnu  Personal understanding of goodness | Right and wrong  authority  New and Old Testament books of the Bible  Different types of literature  when it is used  moral decisions | Equal v fair  Sikh symbols 5 Ks  clothing  worship Gurdwara  langar  seva | sacrifice personally  Jesus tempted in the wilderness  sacrifice in Christianity  Lent | commitment, what happens during Ramadan, links to 5 pillars, Eid-al-Fitr  own 5 pillars | morals and fables  parables told by Jesus  good Samaritan  Unforgiving servant  Matthew’s Gospel – ‘love your neighbour’  Christian Aid |
| **Specific Vocab** | Rama, Sita, Ravanna, Diwali, Vishnu | Old Testament, New Testament, Authority | equal, equality, Gurdwara, 5 Ks, service, langar, seva | sacrifice, agape, lent, temptation, wilderness | Ramadan, Sawm, fasting, commitment, Iftar | Parables  Moral |
| **Cultural Capital**  **Famous People and events. Past and Present.** |  |  |  |  |  |  |
| **Subject links e.g. Maths, English** | English, story telling, drama |  |  | Story |  | Stories / Fables and Parables |
| **Links to other subjects** | PSHE – Choices, guidance, | PSHE – Rights and wrong decisions | PSHE – doing things for others, community, volunteer | PSHE – making good choices | PSHE - commitment | PSHE – Kindness, charity |

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| **ART** | Power prints  **Drawing** | | Light and Dark  **Painting and Mixed Media** | | Mega Materials  **Sculpture and 3D** | |
| **DT** | **Mechanisms:** Slingshot cars | **Electrical Systems:**  Torches | **Food:**  Adapting a recipe | **Structures:**  Pavilions |  | **Textiles:**  Fastenings |
| **Computing** | Physical Systems Coding recycled musical instruments | Multimedia Quiz | Creating Game Show characters | Analysing Data Game Competition | Quiz Game | Digital Citizenship (Social media quiz game) |
| **PSHE - Jigsaw** | Being Me in My world | Celebrating Difference | Dreams and Goals | Healthy Me | Relationships | Changing Me |
| **Music** | WCET  Body and tuned percussion (Theme: Rainforests) | WCET  Rock and Roll: Origin, features and walking bass line | WCET  Changes in pitch, tempo and dynamics: Vocal and percussive ostinatos (theme: Rivers) | WCET  Haiku, music and performance (Theme: Hanami) | WCET  Samba and carnival sound and instruments: syncopation and breaks | WCET  Adapting and transposing motifs (Theme: Romans) |
| **PE** | Gymnastics 1 Striking and Fielding - Cricket | Dance  Invasion Games - Rugby | Dance Gymnastics 2 | Invasion Games - Basketball  Target games - Dodgeball | Net and Wall Games 1 Cricket | AthleticsNet and Wall Games 2 |
| **French** | All about me | Getting dressed | Numbers and Birthdays | | French food | |