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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 circuitKnowing 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 pitchand 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 WallFall of Western Roman Empire |  | Scots invasion from Northern IrelandAnglo Saxon invasionsViking attack on LindisfarneEdward the Confessor, his death in 1066 and the rule of William the Conqueror. |  | Different types of punishment.RomansAnglo SaxonTudorsDick TurpinVictoriansLook 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.**  | BoudiccaFreedom fighter |  | Battle of Hastings 1066 |  | Sir Robert PeelDevelopment 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 landmarks4 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 EuropeHuman. 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 PoCompare 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 Seavegetation |
| **Cultural Capital****Famous People and events. Past and Present.**  |  | William Morris Davis |  | Beatles – LiverpoolEmmeline Pankhurst - Manchester |  | Mt Vesuvius eruption – Pompeii.  |
| **Subject links e.g., Maths, English**  |  | Maths – Co-ordinates.  |  |  |  |  |
| **Links to other subjects** |  | Art- perspective |  | Music – BeatlesHistory – 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 thisStory of Rama and SitaSymbolism of lightavatar VishnuPersonal understanding of goodness | Right and wrongauthorityNew and Old Testament books of the BibleDifferent types of literaturewhen it is usedmoral decisions | Equal v fairSikh symbols 5 Ksclothingworship Gurdwaralangarseva | sacrifice personallyJesus tempted in the wildernesssacrifice in ChristianityLent | commitment, what happens during Ramadan, links to 5 pillars, Eid-al-Fitrown 5 pillars | morals and fablesparables told by Jesusgood SamaritanUnforgiving servantMatthew’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 | ParablesMoral |
| **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** | WCETBody and tuned percussion (Theme: Rainforests) | WCETRock and Roll: Origin, features and walking bass line | WCETChanges in pitch, tempo and dynamics: Vocal and percussive ostinatos (theme: Rivers) | WCETHaiku, music and performance (Theme: Hanami) | WCETSamba and carnival sound and instruments: syncopation and breaks | WCETAdapting and transposing motifs (Theme: Romans) |
| **PE** | Gymnastics 1Striking and Fielding - Cricket | DanceInvasion Games - Rugby | DanceGymnastics 2 | Invasion Games - BasketballTarget games - Dodgeball | Net and Wall Games 1Cricket | AthleticsNet and Wall Games 2 |
| **French** | All about me | Getting dressed | Numbers and Birthdays | French food |