

Class 4 Curriculum Plan Cycle A 25/26.27/28

At Temple Grafton Church of England Primary School our aim is to offer a broad, rich and engaging curriculum that meets the needs of all our pupils. Learning is carefully planned and sequenced to ensure that it is interesting and relevant, and is based on clear progression to provide the knowledge needed for subsequent learning in each subject. Through our creative approach we aim to prepare our children for the opportunities, responsibilities and experiences of life in our diverse world as well as enhancing their social, moral, spiritual and cultural development.

	Autumn		Spring		Summer	
Christian Values	Perseverance	Courage	Truthfulness	Forgiveness	Compassion	Respect
Thrive Focus	Friendship and Emotions	Self-regulation	Building Resilience	Mindfulness	Relaxation	Managing Change
Jigsaw /PSHE	Being in My World	Celebrating Difference	Dreams & Goals	Healthy Me	Relationships	Changing Me
Experience Days	Bell Boating	Black Country Museum	Music/Drama Workshop			Pioneer Centre (Residential)
English	Key Texts: <i>The Promise</i> , Nicola Davies; <i>Street Child</i> , Berlie Doherty; <i>The Extraordinary Life of Mary Seacole</i> , Naida Redgrave; <i>The Present</i> , Jacob Frey; Charles Dickens's Diary (non-fiction); <i>Moth</i> , Isabel Thomas (Poetry); Talking Turkeys, Benjamin Zephaniah (Dub Poetry)		Key Texts – Macbeth, William Shakespeare (Classic Tragedy); Inside the Villains, Clotilde Perrin; Kick, Mitch Johnson; Persuasive Writing (non-fiction); <i>The Highwayman</i> , Alfred Noyes (Narrative Poem)		Key Texts – Holes, Louis Sachar; Non-chronological report – The Origin of Species (non-fiction); Hope is the Thing with Feathers & The Mountain, Emily Dickinson (Metaphorical Poetry); Playscript	
Maths	Place Value; Addition & Subtraction; Multiplication & Division; Statistics & Perimeter, Area & Volume		Fractions; decimals & Percentages; Multiplication & Division; Algebra & Ratio		Fractions; decimals & Percentages cont.; Measurement; Position & Direction; Properties of Shapes & Angles	
History	What is life like in the Alps? Considering the climate of mountain ranges and why people chose the visit the Alps; focusing on Innsbruck and looking at the human and physical features that attract tourists; investigating tourism in the local area and mapping land use; comparing the Alps to their own locality.	What does the census tell us about our local are? Investigating local history during the Victorian period, children carry out an enquiry using census and factory records. They learn about the changes to a family over a period of time and suggest reasons for these changes, linking them to national events. Planning their own historical enquiry.	Why does population change? Investigating why certain parts of the world are more populated than others; exploring birth and death rates; discussing social, economic and environmental push and pull factors; learning about the population in Britain and its impacts.	What was life like in Tudor England? Comparing Henry VIII and Elizabeth I, children learn about the changing nature of monarchy. They examine how monarchs tried to control their public images using portraits and royal progresses. Using Tudor inventories to investigate whether people were rich or poor, children learn what life was like for Tudor people.	Where does our energy come from? Learning about renewable and non-renewable energy sources, where they come from and their impact on society, the economy and the environment.	Unheard histories: Who should feature on the £10.00 banknote? Investigating why historical figures are on banknotes, learning about the criteria for historical significance, participating in a tennis rally debate, creating a video to explain why their historical figure was significant and selecting a historical figure for the £10.00.
Geography						
Science	Living things: Classifying big and small Grouping vertebrates, invertebrates, plants and micro-organisms by shared characteristics, the children learn about Carl Linnaeus's development of the Linnaean classification systems and use keys to sort and identify organisms.	Living things: Evolution and inheritance Studying patterns in humans and other species, the children learn about inherited and environmental characteristics, understand how observations led Darwin and Wallace to develop theories to explain species evolution.	Materials: Mixtures and separation Exploring different types of mixtures, the children learn methods of separation, dissolve various substances, investigate how temperature affects dissolving time, design and create a water filter, sieve soil and evaporate solutions.	Animals, including humans: Circulation and health Studying the human circulatory system, the children learn about the roles of the heart, blood and blood vessels, use models to demonstrate their functions, explore how lifestyle choices affect health.	Living things: Life cycles and reproduction Comparing the life cycles of plants, mammals, birds, amphibians and insects, the children investigate asexual reproduction in plants and compare sexual and asexual reproduction.	Making connections: How reflective are space blankets? Exploring the reflectiveness of space blankets through experiments, the children analyse data, draw conclusions and apply their understanding of reflection to make predictions, plan and carry out an enquiry.
	Working Scientifically		Working Scientifically		Working Scientifically	
RE	Why do people have to stand up for what they believe in? Thinking about religious freedom, children use historical and modern-day examples of people, such as Guy Fawkes, who have fought for their beliefs to discuss controversial issues.	US Was Jesus the Messiah? Exploring the place of Incarnation and Messiah within the 'big story' of the Bible.	What happens when we die? (Part 1) Interpreting different sources of wisdom and beliefs from Abrahamic and non-religious perspectives, children explore what happens when we die and the importance of funerals.	US What did Jesus do to save human beings? Explaining what Christians mean when they say that Jesus' death was a sacrifice, using theological terms.	What happens when we die? (Part 2) Continuing to investigate concepts relating to death, exploring the concepts of reincarnation and karma and comparing these ideas with those studied in Part 1	UC 2B.3 How can following God bring freedom and Justice? People of God Explain connections between the story of Moses and the concepts of freedom and salvation, using theological terms.
Art	Depth, emotion and movement Exploring how drawing can express emotion, movement and depth, taking inspiration from artists Charlie Mackesy and Elizabeth Catlett. Developing shading techniques to show depth and form and investigate composition through drawing and printmaking.	Structure: Playground pioneers Designing and creating a model of a new playground featuring five apparatus, made from three different structures. Creating a footprint as the base, pupils visualise objects in plan view and get creative with their use of natural features.	Painting and mixed media: Portraits Investigating self-portraits by a range of artists, children use photographs of themselves as a starting point for developing their own unique self-portraits in mixed-media.	Cooking and nutrition: Developing a recipe Research and modify a traditional Bolognese sauce recipe to improve the nutritional value. Cook improved version and create packaging that fits design criteria. Learn about where beef comes from.	Craft and design: Photo opportunity Developing photography skills and techniques to design a range of creative photographic outcomes.	Electrical systems: Steady hand game Developing knowledge of electrical circuits by designing and creating a steady hand game.
Design Technology						
Computing	Programming 2: BBC micro:bit	Computing systems and networks: Machine learning	Programming: Exploring Python	Creating media: Creating podcasts	Creating media: Creating a multimedia project	Online safety: Life online
Music	Film music	Musical theatre Christmas	Dynamics, pitch and texture (Theme: Coast - Fingal's Cave by Mendelssohn)	Baroque Easter	Theme and variation (Theme: Pop Art)	Composing and performing a Leavers' song Presenting poems/Summer Show
PE	Invasion games - Football Gymnastics	Sportshall Athletics Dance	Invasion Games Uni Hockey Health and Fitness	Invasion Games Netball Outdoor & Adventure Activities	Athletics Rounders	Cricket Tennis
French	Phonics lessons/Portraits	Meet my French family	Clothes - getting dressed in France	French weather and the water cycle	Exploring the French speaking world	French sports and the Olympics

Class 4 Curriculum Plan Cycle B 26/27.28/29

At Temple Grafton Church of England Primary School our aim is to offer a broad, rich and engaging curriculum that meets the needs of all our pupils. Learning is carefully planned and sequenced to ensure that it is interesting and relevant, and is based on clear progression to provide the knowledge needed for subsequent learning in each subject. Through our creative approach we aim to prepare our children for the opportunities, responsibilities and experiences of life in our diverse world as well as enhancing their social, moral, spiritual and cultural development.

	Autumn		Spring		Summer	
Christian Values	Service	Generosity	Trust	Justice	Thankfulness	Friendship
Thrive Focus	Friendship and Emotions	Self-regulation	Building Resilience	Mindfulness	Relaxation	Managing Change
Jigsaw /PSHE	Being in My World & eBug	Celebrating Difference	Dreams & Goals	Healthy Me	Relationships	Changing Me
Experience Days	Open Water Swimming	Forest School	Workshop	Space Dome		Think Tank
English	Key Texts: Here We Are, <i>Oliver Jeffers</i> ; <i>Letters from the Lighthouse</i> , <i>Emma Carroll</i> ; <i>The Nowhere Emporium</i> , Ross Mackenzie (Mystery); Never Just a Book, Joshua Seigal (Poetry); Twas the Night Before Christmas, Clement Clarke Moore		Key Texts: Theseus and the Minotaur, Hugh Lupton (Myth); Kensuke’s Kingdom, Michael Morpurgo (adventure/story from another culture); David Attenborough by Maria Isabel Sanchez Vegara (biography); The Most Dangerous Animal in the World, Valerie Bloom (Poetry)		Key Texts: She Wolf, Dan Smith, The Viewer, Shaun Tan (Bridging Unit); Greta, Greta Thunberg (Persuasive Speech); <i>Thinker’s Rap</i> , <i>Eloise Greenfield</i> (poetry); Playscript	
Maths	Place Value; Addition & Subtraction; Multiplication & Division; Statistics & Fractions		Fractions continued; Decimals & Percentages; Properties of Shapes; Angles; Measurement; Algebra & Ratio		Perimeter, Area & Volume; Position & Direction; Consolidation; Investigations	
Geography	Would you like to live in the desert? Exploring hot desert biomes and learning about the physical features of a desert and how humans interact with this environment.	What was the impact of WW II on the people of Britain? Investigating the causes of WW2; learning about the Battle of Britain; investigating the impact of the Blitz and evacuation on people’s lives; and evaluating the effectiveness of primary sources.	Why do oceans matter? Exploring the importance of our oceans and how they have changed over time with a focus on the Great Barrier Reef, specifically addressing climate change and pollution.	What is the legacy of the ancient Greek civilisation? Investigating the city-states of Athens and Sparta to identify similarities and differences between them, learning about democracy and assessing the legacy of the Ancient Greeks.	Can I carry out an independent fieldwork enquiry? Observing, measuring, recording and presenting their own fieldwork study of the local area.	Were the Vikings raiders, traders or settlers? Investigating what the Vikings were really like, creating a Viking trade route game, writing their version of a Viking saga, evaluating the impact of the Viking invaders on Britain and displaying the achievements of the Vikings.
History						
Science	Materials: Properties and changes The children investigate hardness, transparency and conductivity, explore how these properties influence material uses, study reversible changes like dissolving and changes of state and compare them to irreversible changes like rusting, burning and mixing vinegar with bicarbonate of soda.	Forces and space: Unbalanced forces Building on their knowledge of contact and non-contact forces, the children explore gravity, friction, air resistance and water resistance, consider the effects of unbalanced forces, plan investigations and test ideas using models to create the most effective pulley system.	Energy: Circuits, batteries and switches The children draw conventional circuit diagrams, use models to explain current, resistance and voltage, compare batteries and their effects on bulb brightness and apply their knowledge to design and create practical devices.	Forces and space: Earth and space Exploring the movement of celestial bodies in the Solar System, the children learn about the Earth, other planets and the Moon, discover how the Earth’s rotation causes night and day, understand how sundials work and investigate satellite uses and the issue of space junk.	Energy: Light and reflection Proving that light travels in a straight line, the children explain observations of reflection and shadows, how our eyes allow us to see, how mirrors can be used in various ways and investigate factors affecting the size of shadows and the laws of reflection.	Animals: Human timeline / How does light affect the direction of plant growth?
	Working Scientifically		Working Scientifically		Working Scientifically/ Our changing world	
RE	Why are some places in the world significant to believers? Exploring why some places are significant to some religions and what they can tell us about beliefs and culture using maps, images and texts.	UC Creation and Science – conflicting or complementary? Creation/Fall + UC 2B.8 What kind of king is Jesus? Kingdom of God	Why do Abrahamic religions look different around the world? Considering how culture, tradition, migration and interpretation can affect how some religious practices are observed.	UC 2B.7 What difference does the resurrection make to Christians? SALVATION Exploring how the concept of resurrection brings hope to many Christians.	Why is it better to be there in person? Thinking back to learning about prayer and worship, children find out about significant religious and non-religious journeys and pilgrimages and why going to a particular place is so important to some people.	UC 2B.5 What would Jesus do? GOSPEL Considering examples of what Jesus said, and how Christians today respond to the challenges of his teachings.
Art	Sculpture and 3D: Interactive installation Using inspiration of historical monuments and modern installations, children plan by researching and drawing, a sculpture to fit a design brief. They investigate scale, the display environment and possibilities for viewer interaction with their piece	Mechanical systems option 1: Gears and pulleys Investigate the history, mechanics, and uses of gears and pulleys. Construct a gear and pulley system and design an eco-bike that utilises energy from an exercise bike for practical work.	Painting and mixed media: Artist study Researching an artist of personal interest, including their life, techniques and artistic intentions.	Electrical systems: Wobble bots Explore series circuits further and introduce motors. Explore how the design cycle can be approached at a different starting point, by investigating an existing product, which uses a motor, to encourage pupils to problem-solve and work out how the product has been constructed, ready to develop their own.	Drawing: Expressing ideas Exploring how drawing can be used to express ideas and messages, the children take inspiration from a range of street art examples. They investigate how artists use perspective, scale and proportion to create impact, then develop these skills to design and create a street art-inspired final piece about sustainability and the environment.	Textiles: Stuffed toys Developing textiles and sewing skills by designing and making a stuffed toy using fabric and decorative techniques.
Design Technology						
Computing	Programming 1: Scratch: Music	Computing systems: Websites, search and storage	Programmming 1: Scratch: Pixels and positions	Computing systems and networks: Understanding hardware, storage and security	Creating media: Creating animations	Data handling: Exploring spreadsheets
Music	Blues Harvest	Songs of World War 2 Christmas	South and West Africa	Composition to represent the festival of colour Easter	Looping and remixing	Composing and performing a Leavers’ song Presenting poems/Summer Show
PE	Invasion games – Tag Rugby Gymnastics	Sports Hall Athletics Dance	Invasion Games Netball Self Defence	Invasion Games – Football OAA	Athletics Cricket	Tennis Rounders
French	Phonics lessons/ French transport	In my French house	French music celebrations	Verbs in a French week	Visiting a town in France	Planning a French holiday