St Alban & St Stephen Catholic Primary School & Nursery

Curriculum Map – Year 6

2021-2022

Year 6						
Subject	**Autumn 1**	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
R.E	**Loving –** God who never stops loving **Vocation and Commitment-** The vocation of priesthood and religious life.	**Vocation and Commitment-** Continued **Judaism**- Rosh Hashanah & Yom Kippur **Expectations**- Jesus born to show God to the world	**Sources-** The Bible, the special book for the Church **Unity** – Eucharist enabling people to live in communion	**Unity-** Continued **Death & New life** – Celebrating Jesus' death and resurrection	**Witnesses-** The Holy Spirit enables people to become witnesses **Sikhism –** Sikh Faith and beliefs **Healing** – Sacrament of the sick	**Healing –** Continued **Common Good –** Work of the worldwide Christian family
English	Arthur Spiderwick's Field Guide to the Fantastical World Around You Uncle Montague's Tales of Terror	Cogheart by Peter Bunzi Can you see me? By Libby Scott and Rebecca Westcott	Holes Macbeth	Pig Heart boy Journey to JoBurg The lion hunt by Peter Paul Rubens. Tiger in a tropical storm/surprised bu Henri Rousseau	The Explore by Katherine Rundell Eye of the Wolf by Daniel Pennac	An Emotional Menagerie by Alain de Boton London Eye Mystery by Siobhan Dowd
Maths	Place value Multiply & divide by 10, 100, 1000 Solve problems with 4 operations	Fractions & decimal equivalents Calculate percentages	Order of operations & algebra	Ratio and proportion Volume Measures	Statistics – calculate & interpret mean average	Constructing pie charts Statistical representation Algebra

	Equivalent fractions, compare & order fractions Add & subtract fractions	Formal written method multiplication Area of triangles & parallelograms Formal written method short division Properties of shape	Formal written method long division Relationship between perimeter & area Recognise angles Reflection & translation Multiplying & dividing fractions	Statistics – interpret line graphs & pie charts Algebra & sequences	Apply known facts and calculation strategies. Revision for SATs.	Financial maths & enterprise
Science	**Electricity** Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches. Use recognised symbols when representing a	**Living things and their habitats** Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals. Give reasons for classifying plants and animals based on specific characteristics	**Light** Recognise that light appears to travel in straight lines. Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye. Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes. Use the idea that light travels in	**Animals including humans** Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. Describe the ways in which nutrients and water are transported within animals, including humans.	**Evolution and Inheritance** Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit their environment in different ways and	**Evolution and Inheritance** Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit

	simple circuit in a diagram.		straight lines to explain why shadows have the same shape as the objects that cast them.		that adaptation may lead to evolution.	their environment in different ways and that adaptation may lead to evolution.
History and Geography	**Our Changing World - Coastlines and land use e.g. holiday resorts, tourism.** Describe and understand physical features of coast and human geography of coasts including land use. Understand similarities and differences through a study of human and physical geography of a region in the UK. Use compasses, 4 and 6 figure grid references, signs and symbols on	**Plague, Pox and Antibiotics** Health and Hygiene – Middle ages, Black Death Tudors, Victorians, Covid 19. Response to Covid 19 , Origins , death rate etc. Lockdowns Pioneers in medicine- Alexander Fleming, Joseph Lister, Marie Curie, Louis Pasteur etc Great Leader - Dame Sarah Gilbert –Oxford Vaccine.	**The Americas** Physical & human geography of the Americas, - Mountain ranges, rivers, countries capital cities etc. Can include specific focus, e.g. USA, Brazil, Mexico **Also touch on Mayan civilisation** Identify position and significance of latitude, longitude, Equator, Northern and Southern hemisphere, tropics of Cancer and Capricorn. Understand geographical similarities and differences in a	**Walls and Barricades** Impact and influence on history – physical barriers – Great Wall of China, Hadrian's Wall, Berlin Wall. Norman Castles etc. Also, Ideological barriers - Apartheid Great Leader – Nelson Mandela	**Extreme Earth/ Extreme issues** Impact of global warming on climate & weather; flood, drought, (Australian bush fires); also, hurricanes/tornadoes. Learn about migration of people- reasons for – War / Famine / Poverty / Capitalism etc Great leader – Greta Thunberg – Her work on activist on Global warming and climate change. David Attenborough– His work on climate change	**St Albans Cathedral and the Clock Tower.** Dissolution of the monasteries. War of the Roses- Battle of St Albans. Learn about the Magna Carta and its origins in St Albans Great Leaders from St Albans – Sir Nicholas Bacon and Francis Bacon- Viscount of St Albans Richard Wallingford – medieval Mathematician A local history study of an aspect of history or a site

	Ordnance Survey maps. Great Leadership – National Trust protecting our coasts		region in U.K to South America. Describe climate zones, vegetation, rivers. Describe settlements, land use natural resources, trade link, food, minerals and water. Great Leaders – Barak Obama and Martin Luther King Simón Bolívar Speak about gun crime as part of issues. Link to artist			dating from a period beyond 1066 that is significant in locality.
Art and Design	**Painting / Collage** Paint coastal pictures add sand, shells, material for people/ deck chairs etc. **3D Form –** Wave Bowls (AA) Children draw and colour with ink and	**Drawing and Painting –** Animals in their habitats. Henri Rousseau – Tiger in a Tropical Storm.	**Printing** – Cut using Lino cutters into rubber and print designs on Mayan tunic. **3D form** – Papier mache Mayan masks Artist Study – Frida Kalo	**3D form** Make clay models Norman castles or Watch towers in the great wall of china using slab. Develop skills in using clay including, slabs, coil and slips.	Contemporary Artist Study- Jave Yoshimoto Artworks for change – Different screen printing **Drawing** – Manga style pictures***(AA)*** Linked to Jave Yoshimoto	**Painting/ Drawing** Use different media to create pictures of the Cathedral and Clock Tower. Use different media to achieve variations in line, texture, tone,

	felt tips onto triangular pieces and make a group project.		Artist Study – American Antonio Davis. Victim of gun crime.		**I.T** – Use Manga studio for Chromebooks . Digital artwork Study Banksy's Artwork – Graffiti or political point making – Clacton Pigeon mural/ Dove in gunshot/ Keep your coins I want change **Paper cut stencil print**- Topical global issue.	colour, shape and pattern. **Printing or Textiles**- Cross stitching of different scenes from the tapestry in St Albans Replicate the stained glass windows **Drawing** Charcoal, ink and graphite sketching of walls and details of the Clock Tower
Design & Technology	**Mechanism / Electrical** - Make fairground rides using circuits and structural form. Select appropriate tools, materials, components and techniques.		**Textiles** Cut out design and stitch Mayan tunic. KAPOW (Making waistcoats)		**Food and Nutrition** Come Dine with Me 3 ingredients - 3 courses. Children prepare a starter, main and a dessert.	**Structure –** Make a model of the clock tower using wood dowel, glue guns etc Join sketched/ printed sides to structure.

	Assemble components make working models. Use tools safely and accurately. Construct products using permanent joining techniques.					
MFL	**Phonics 4 Manger et bouger** (see French Curriculum Coverage Map Y2-Y6 for detail)	**WWII** (see French Curriculum Coverage Map Y2-Y6 for detail)	**Quel temps fait-il?** and irregular verbs (see French Curriculum Coverage Map Y2-Y6 for detail)	**Moi dans le monde** (see French Curriculum Coverage Map Y2-Y6 for detail)	N/a	N/a
Trips / Workshops	Isle of Wight – Residential Trip	The Great Plague at Charter House London	VR Workshop of Amazonian rainforest Mayan Chocolate Workshop	VR Journey across China	Natural History Museum	St Albans Cathedral and St Albans Clock Tower.

https://www.primevr.co.uk/vr-workshops Virtual reality workshops

https://www.youtube.com/watch?v=ofFdYXiKIqI Mouth painter – Antonio Davis

https://www.artworksforchange.org/portfolio/jave-yoshimoto/ Artworks for change Jave Yoshimoto

https://www.stalbansmuseums.org.uk/observation Richard Wallingford Monk of the abbey and Medical Mathematician who developed the Wallingford Clock