

**St Joseph's RC Primary School Curriculum Map 2019-2020 - Year 6**



	<b>Autumn Term</b> Autumn 1 – 'A Child's War' Autumn 2 = Gallery Rebels	<b>Spring Term</b> Spring 1 – Frozen Kingdom Spring 2 – Hola Mexico	<b>Summer Term</b> Summer – Hola! Mexico Kensuki's Kingdom (Bridging unit for Transition)
English	Anne Frank - Biography Bombs and Blackberries – Play script Poetry - World War 2 Spelling, punctuation and grammar rules - connectives, complex sentences, modal verbs, commas, colons, semi colons, brackets, dashes, embedded clauses.	Ice Trap - Adventure Spelling, punctuation and grammar rules – subjunctive forms, passive verbs, commas	Macbeth - playscript Kensuke's Kingdom Spelling, punctuation and grammar rules - active and passive voice, hyphens to avoid ambiguity, modal verbs
Maths	Place Value <ul style="list-style-type: none"> <li>• Numbers to ten million</li> <li>• Compare and order any number</li> <li>• Round any number</li> <li>• Negative numbers</li> </ul> Four Operations <ul style="list-style-type: none"> <li>• Add and subtract integers</li> <li>• Multiply up to a 4 digit number</li> <li>• Short division</li> <li>• Division using factors</li> <li>• Long division</li> <li>• Common factors</li> <li>• Common multiples</li> <li>• Primes to 100</li> <li>• Squares and cubes</li> <li>• Order of operations</li> <li>• Mental calculations and estimation</li> <li>• Reason from known facts</li> </ul> Fractions <ul style="list-style-type: none"> <li>• Simplify fractions</li> <li>• Fractions on a number line</li> <li>• Compare and order (denominator)</li> <li>• Compare and order (numerator)</li> <li>• Add and subtract fractions</li> <li>• Add fractions</li> <li>• Subtract fractions</li> </ul>	Decimals <ul style="list-style-type: none"> <li>• Three decimal places</li> <li>• Multiply by 10, 100 and 1000</li> <li>• Divide by 10, 100 and 1000</li> <li>• Multiply decimals by integers</li> <li>• Divide decimals by integers</li> <li>• Division to solve problems</li> <li>• Decimals as fractions</li> <li>• Fractions to decimals</li> </ul> Percentages <ul style="list-style-type: none"> <li>• Fractions to percentages</li> <li>• Equivalent FDP</li> <li>• Order FDP</li> <li>• Percentage of an amount</li> <li>• Percentages – missing values</li> </ul> Algebra <ul style="list-style-type: none"> <li>• Forming expressions</li> <li>• Substitution</li> <li>• Formulae</li> <li>• Forming equations</li> <li>• Solve simple one-step equations</li> <li>• Solve two-step equations</li> <li>• Find pairs of values</li> <li>• Enumerate possibilities</li> </ul> Converting Units <ul style="list-style-type: none"> <li>• Metric measures</li> </ul>	Properties of Shapes <ul style="list-style-type: none"> <li>• Measure with a protractor</li> <li>• Introduce angles</li> <li>• Calculate angles</li> <li>• Vertically opposite angles</li> <li>• Angles in a triangle</li> <li>• Angles in triangle – missing angles</li> <li>• Angles in special quadrilaterals</li> <li>• Angles in regular polygons</li> <li>• Draw shapes accurately</li> <li>• Draw nets of 3-D shapes</li> </ul> Statistics <ul style="list-style-type: none"> <li>• Read and interpret line graphs</li> <li>• Draw line graphs</li> <li>• Use line graphs to solve problems</li> <li>• Circles</li> <li>• Read and interpret pie charts</li> <li>• Pie charts with percentages</li> <li>• Draw pie charts</li> <li>• The mean</li> </ul>

	<ul style="list-style-type: none"> <li>Mixed addition and subtraction</li> <li>Multiply fractions by integers</li> <li>Multiply fractions by fractions</li> <li>Divide fractions by integers</li> <li>Four rules with fractions</li> <li>Fraction of an amount</li> <li>Fraction of an amount – find the whole</li> </ul> Position and Direction <ul style="list-style-type: none"> <li>The first quadrant</li> <li>Four quadrants</li> <li>Translations</li> <li>Reflections</li> </ul>	<ul style="list-style-type: none"> <li>Convert metric measures</li> <li>Calculate with metric measures</li> <li>Miles and kilometres</li> <li>Imperial measures</li> </ul> Area & Volume <ul style="list-style-type: none"> <li>Shapes – same area</li> <li>Area and perimeter</li> <li>Area of a triangle</li> <li>Area of a parallelogram</li> <li>Volume – counting cubes</li> <li>Volume of a cuboid</li> </ul> Ratio <ul style="list-style-type: none"> <li>Using ratio language</li> <li>Ratio's and fractions</li> <li>Introducing the ratio symbol</li> <li>Calculating ratio</li> <li>Using scale factors</li> <li>Calculating scale factors</li> <li>Ratio and proportion problems</li> </ul>	
RE	Loving; Vocation and commitment; Expectations; Judaism	Sources (the Bible); Unity (living in communion); death and new life; Islam	Witnesses (Holy Spirit); Healing (Sacrament of the Sick); Common Good
Science	Unit 1 Living things- habitats Unit 2 Animals (including humans)	Unit 4 Light Unit 5 Electricity	Unit 3 Evolution and inheritance
History	Second World War		Ancient Maya Civilisation
Geography	Human Geography Cities of the UK	Maps and labelling Using a globe Continents Northern Lights Longitude and latitude Paris maps and street plans Locating significant landmarks	Using maps human and physical features of Mexico
Computing	E-Safety To undertake internet research and create power points To create a digital historical timeline To create a digital Christmas card using sound, animation and photographs	E-Safety Online Research Digital Presentations using Microsoft office Collecting, Evaluating and Presenting Information	E-Safety Designing APPS Online Research Digital Presentations Collecting, evaluating and presenting data

Art	Oil pastels	Using chalk Northern Lights picture Art pattern Great artists of the 19 <sup>th</sup> and 20 <sup>th</sup> Century Kandinsky Rene Margritte	Sculpture Maya Art
DT	Make a toy doll Bake a cake from WW11		Guacamole
Music	Listening/appreciation of music from composers of the 1940s era BBC Ten pieces	Listening, Improvising and Composing Class Orchestra.	Mexican Music, musical notation Song writing
PE	Gymnastics Invasion games-basketball	Dance	Athletics Invasion games - rounders
Languages	French	French	French
Visits/Visitors	Sunderland University Mrs Van der Velde- (Gosforth Synagogue) Sister Josepha	Visit to Safety Works Mrs Yusef- (Durham Islamic Society)	Visit to the Mosque at Newcastle University. Rounders festival or athletics festival IMPs Visit from artist- The Baltic
Special Events	Anti-Bullying Week Faith 15 Carol Service Interfaith Week - Judaism	Derwent Hill Residential Visit World Book Day KS2 Music Concert Interfaith Week - Islam	Sports Day KS2 Music Concert Transition Visits to St. Anthony's, St. Aidan's and St. Robert's Leavers' Celebrations Bowling
British Values	<p>Through the Creative curriculum, pupils will be taught about key events in our history, through the world wars. They will be taught about the impact on children's lives and how the wars have shaped lives today. They will also be taught about places in the world with traditions and beliefs different to ours to encourage them to show respect for unfamiliar customs. A range of teaching and learning styles will be used to encourage discussion, debate and appreciation of others' points of view.</p> <p>In all subjects and lessons, pupils will be taught to listen to each other, respect the individual and have their voices and opinion heard. In RE they will learn about Judaism and Islam, which will help pupils to understand difference and develop tolerance of other faiths and beliefs. Through the weekly 'Statement to Live By' they will be given a code of conduct for their daily life and how to treat others.</p>		