



*Richard Wakefield C.E. (VC) Primary School*  
**Lower Key stage 2**  
**Long Term Plan 2017-2018**

The curriculum in lower key stage 2 is taught on a 2 year rolling program. Mathematics is taught following the long term plan from the White Rose scheme therefore each of the classes follows the corresponding long term plan. Science is taught in Year groups once a week following the Science units from the National Curriculum 2014. All remaining areas of the curriculum are taught following our mixed year group program.

Mathematics	Autumn	Spring	Summer
Year 3	Number - <i>Place Value, Addition and Subtraction, Multiplication and Division</i>	Number - <i>Multiplication and Division, Fractions</i> Measurement - <i>Money, Length and Perimeter</i> Statistics	Number - <i>Fractions</i> Measurement - <i>Time, Mass and Capacity</i> Geometry - <i>Properties of Shapes</i>
Year 3/4	Number - <i>Place Value, Addition and Subtraction, Multiplication and Division</i>	Number - <i>Multiplication and Division, Fractions</i> Measurement - <i>Money, Length and Perimeter</i> Statistics	Number - <i>Fractions</i> Measurement - <i>Time, Mass and Capacity</i> Geometry - <i>Properties of Shapes</i>
Year 4	Number - <i>Place Value, Addition and Subtraction, Multiplication and Division</i> Measurement - <i>Length and Perimeter</i>	Number - <i>Multiplication and Division, Fractions, Decimals</i> Measurement - <i>Area</i>	Number - <i>Decimals</i> Measurement - <i>Time, Money</i> Geometry - <i>Properties of Shapes, Position and Direction</i> Statistics

Science	Autumn	Spring	Summer
Year 3	<b>Animals including humans</b> <i>Nutrition- why it is important and where it comes from; Food groups and different nutrients; Skeleton types and muscles</i> <b>Forces and magnets</b> <i>Different forces and their effects on movement; Magnetic strength and poles; Sorting magnetic materials</i>	<b>Rocks</b> <i>Rock types and their formation; Properties and uses; Fossil and soil formation</i> <b>Light</b> <i>The importance of light; Light sources; Reflective surfaces</i> <i>Changing shadows</i>	<b>Plants</b> <i>Structure and parts</i> <i>Life cycle and seed dispersal</i> <i>Factors that affect growth</i> <i>Water transport through plants</i>
Year 4	<b>Animals (including humans)</b> Digestion, teeth; Food chains <b>States of matter</b> Solids, liquids and gases; Changing state; Evaporation/condensation – link to water cycle	<b>Electricity</b> Name objects using electricity; Circuit construction and drawing; Switches and common insulators and conductors <b>Sound</b> How sound is made and how we hear; Find patterns with pitch and volume; Know sound gets fainter as distance away increases	<b>Living things and habitats</b> Grouping living things Classification groups Environmental change and influence on wildlife

Subject	Autumn	Spring	Summer
Topic	Mayans & Central/ South America	Storming Normans - Tutbury Castle	Rainforests & Our European Neighbours
English	Recount Non-chronological report Narrative - story Writing and performing a play Instructions – recipes, directions, how to... Poetry	Traditional Tales – fairy tales, fables Explanations – explain how and why Report - leaflet, project, textbook Poetry	Adventure stories Persuasion – Letter, argument, advertisement Poetry appreciation
History	Lifestyle of the Ancient Mayans <i>Location, food, clothing and timeline</i> <i>Culture, religion and ceremonies</i>	The Normans in Britain <i>Key events and their impact on this country</i> <i>Rulers, Invasions and castles</i> <i>Sources of information</i>	Rainforests <i>Native people and how the rainforest has changed over time</i> European Neighbours <i>The history of famous landmarks</i> <i>Overview of Europe over time</i>
Geography	Central and South America <i>Location in the world, countries and capital cities</i> <i>Landscapes and Key features</i>	Local area study <i>Evidence of the Normans we can still see today</i>	Key features of the rainforest <i>Location in the world</i> <i>Structure, animals and climate</i> European Neighbours <i>Capital cities, borders and traditional customs</i>
Art/DT	Traditional abstract collages Mural study	Norman artefacts and tapestries	Sketching of animal form and clay creatures Recycled sculptures
RE	<b>Autumn 1- INCARNATION/GOD</b> UC 2a.3 What is the Trinity? <i>(Core learning - Baptism and the Grace) AS 2.3a, 2.3b, 2.3c, 2.3d</i> <b>Autumn 2- What are festivals of light? AS 2.2c</b>	<b>Spring 1- What can we learn from a mosque? AS 2.2b</b> <b>Spring 2- SALVATION</b> UC 2a.5 Why do Christians call the day Jesus died 'Good Friday'? <i>AS 2.1c, 2.2c, 2.3b, 2.5a, 2.5b, 2.5c</i>	<b>Summer 1- PEOPLE OF GOD</b> UC 2a.6 When Jesus left, what was the impact of Pentecost? <i>AS 2.3d, 2.2c, 2.3b, 2.4c, 2.5c, 2.6c</i> <b>Summer 2- How do beliefs change on the journey of life? AS 2.5a, 2.5b, 2.52</b> <i>See RE Today Journey p20-25</i>
Computing	Multimedia and word processing, Get Blogging <i>(Information Technology and Digital Literacy)</i>	Going for Gold <i>(Information Technology and Digital Literacy)</i> We are Publishers <i>(Information Technology and Digital Literacy)</i>	Scratch coding <i>(Computer Science and Information Technology)</i> We Love Games <i>(Computer Science and Information Technology)</i>
MFL	<i>Spanish Curriculum delivered by specialist teacher</i>		
PSHE	<i>BLP Resilience</i> New beginnings Getting on and Falling out	<i>BLP Resourcefulness and Reflectiveness</i> Going for goals and Good to be me	<i>BLP Reciprocity</i> Relationships Changes
PE	Autumn 1 Invasion games Autumn 2 Striking and fielding (cricket)	Spring 1 Dance Spring 2 Team skills	Summer 1 Striking and fielding (rounders) Summer 2 Athletics