

## Whimble Primary School Thematic Plan and Foundation Subjects Curriculum - Key Stage 2

		<b>Autumn</b>	<b>Spring</b>	<b>Summer</b>
Cycle A 2018-2019	LK S2	British History: Extended period of study beyond 1066 – World War 1 Design Technology: Use mechanical systems in own work (automators or pneumatics)	Broader History: a local history study (industry-orchards) Geography: fieldwork and maps Design Technology: Understand seasonality; prepare & cook dishes (apples?)	Geography: Coastal geography – compare to European country e.g. Netherlands v UK
		Science: Physics – simple forces, including magnetism	Science: Biology - classify living things	Science: Chemistry – classification of rocks; fossilisation
	UK S2	British History: Extended period of study beyond 1066 – World War 1 Design Technology: Use mechanical & electrical systems in own products, including programming	Broader History: a local history study (industry-orchards) Geography: fieldwork and maps (orienteering) Design Technology: cook savoury dishes for a healthy and varied diet	Geography: Coastal geography – compare to European country e.g. Netherlands v UK
		Science: Physics – Electricity – investigating circuits; Introduce gravity, resistance & mechanical forces; forces including gravity	Science: Biology – Classification, including micro-organisms; evolution & adaptation ; health & lifestyles, inc. circulatory system	Science: Biology – Lifecycle of plants and animals, describe changes as humans develop & mature inc. sex education

Cycle B 2019-2020	LK S2	British History: Roman Empire & impact on Britain Geography: Study a region of Europe (link to history)	Geography: Describe & understand climate, rivers, mountains, volcanoes, earthquakes, settlements, etc Design Technology: Structures (research, prototype and evaluate)	Broader History: Ancient Greece (link to Olympics)
		Science: Chemistry - changes of state, water cycle	Physics sources of light; shadows & reflections	Science: Biology identify plants; animals – skeleton & nutrition; digestive systems & teeth; food chains
	UK S2	British History: Roman Empire & impact on Britain Geography: Study a region of Europe (link to history)	Geography: Describe & understand climate, rivers, mountains, volcanoes, earthquakes, settlements, etc Design Technology: Structures (research, prototype and evaluate)	Broader History: Ancient Greece (link to Olympics)
		Science: Chemistry – understand mixtures & solutions; know about reversible changes; identify irreversible; classify materials according to a variety of properties	Science: Physics – location & interaction of Sun, Earth & Moon; Light & Shadows, the eye	Science: Lifecycle of animals, describe changes as humans develop & mature inc. sex education

		<b>Autumn</b>	<b>Spring</b>	<b>Summer</b>
Cycle C 2020-2021	LK S2	British History: Anglo-Saxon & Vikings Design Technology: Use mechanical systems in own work (automators or pneumatics)	Broader History: Earliest Ancient Civilisations (Egyptians?) Design Technology: Understand seasonality; prepare & cook dishes	Geography: fieldwork and maps; understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc
		Science: Physics – simple forces, including magnetism	Science: Biology - classify living things	Science: Chemistry – classification of rocks; fossilisation
	UK S2	British History: Anglo-Saxon & Vikings Design Technology: Use mechanical & electrical systems in own products, including programming	Broader History: Earliest Ancient Civilisations (Egyptians?) Design Technology: cook savoury dishes for a healthy and varied diet	Geography: fieldwork and maps; understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc
		Science: Physics – Electricity – investigating circuits; Introduce gravity, resistance & mechanical forces; forces including gravity	Science: Biology – Classification, including micro-organisms; evolution & adaptation ; health & lifestyles, inc. circulatory system	Science: Biology – Lifecycle of plants and animals, describe changes as humans develop & mature inc. sex education
Cycle D 2021-2022	LK S2	Geography: Describe & understand climate, rivers, mountains, volcanoes, earthquakes, settlements, etc. Study a region of Europe & of the Americas Geography: Locate world's countries, focussing on Europe & Americas; key physical and human features	Geography: Locate world's countries, focussing on Europe & Americas; key physical and human features	British History: Stone Age to Iron Age
		Science: Chemistry - changes of state, water cycle	Physics sources of light; shadows & reflections	Science: Biology identify plants; animals – skeleton & nutrition; digestive systems & teeth; food chains
	UK S2	Geography: Describe & understand climate, rivers, mountains, volcanoes, earthquakes, settlements, etc. <b>Study a region of Europe &amp; of the Americas</b>	Geography: Locate world's countries, focussing on Europe & <b>Americas</b> ; key physical and human features	British History: Stone Age to Iron Age
		Science: Chemistry – understand mixtures & solutions; know about reversible changes; identify irreversible; classify materials according to a variety of properties	Science: Physics – location & interaction of Sun, Earth & Moon; Light & Shadows, the eye	Science: Lifecycle of animals, describe changes as humans develop & mature inc. sex education

Computing Programme – units moved each year to link to other termly topics where possible.

Year 3 units	Year 4 units	Year 5 units	Year 6 units
Design & write programs to achieve specific goals, including solving problems: Aliens or Robots	Design & write programs to achieve specific goals, including solving problems: Dragons or Rainforest	Design & write programs to solve problems: King Arthur or Kensuke's Kingdom	Design & write programs to solve problems: Fantasy Worlds or Africa
Use logical reasoning: Robots	Use logical reasoning: Dragons or Rainforest	Use sequences, repetitions, inputs, variables and outputs in programs: Greek Mythology	Use sequences, repetitions, inputs, variables and outputs in programs: Victorians
Understand computer networks: Roald Dahl	Understand computer networks: Science Fiction	Detect & correct errors in programs: Greek Mythology	Detect & correct errors in programs: Victorians
Use internet safely & appropriately: Kings, Queens & Castles or Superheroes	Use internet safely & appropriately: Myths & Legends	Understand use of networks for collaboration & communications: The Railway Children	Understand use of networks for collaboration & communications: Great Journeys
Collect & present data appropriately: Kings, Queens & Castles or Chocolate Factory	Collect & present data appropriately: The Normans or Jacqueline Wilson	Be discerning in evaluating digital content: China & India or The Arctic & The Antarctic	Be discerning in evaluating digital content: Great Journeys or Evacuees

Annual Cycle	Year 3: Use logical reasoning - Robots Year 4: Use internet safely and appropriately - Myths and Legends Year 5 – design & write programs to solve problems; detect & correct errors in programs (King Arthur)	Year 3 - use internet safely and appropriately (Kings, Queens and Castles) Year 5 – Be discerning in evaluating digital content (China & India Evacuees) Year 6 - Be discerning in evaluating digital content (Great Journeys)	Year 3 Design and write programs to achieve specific goals (Aliens - Scratch) Year 4 – use logical reasoning, design and write programs (Dragons)
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R.E. Year 3 / 4 Year 2018-2019	Is it possible to be kind to everyone all of the time? (Bible stories and comparing to other views and religions)	Judaism – The story of Moses and the Passover celebration.	Comparing creation stories from around the world.
Year 2019-2020	Hinduism – Does celebrating Divali give a sense of belonging?	Christianity – Do people need to go to church to show they are Christians?	Buddhism – How Buddhism started and some of their beliefs.
Year 2020-2021	Islam Does completing Hajj make a person a better Muslim?	Has Christmas lost its true meaning?	Comparing pilgrimages from around the world. Special places
R.E. Year 5/6 Year 2018-2019	Islam – discovering how Muslims show their commitment to God.	Easter – Was Jesus destined to be crucified?	Sikhism – How Sikhism was founded and how they show equality and fairness.
Year 2019-2020	Y5/6 Christianity How Christians show their commitment to God. Famous Christians. Expressing belief.	Year 5/6 Judaism How do Jews practise their faith? (Synagogue visit) What does it mean to belong to a religion.	Hinduism How can Brahm be everywhere and in everything? What do people believe about life?

Fantastic Friday Curriculum: cookery, Forest Schools, art skills, drama and music, using Microsoft programs, Relax Kids, craft including textiles, basic first aid.