

Barby Church of England Primary School
Curriculum Map: 3-D Connections

Horizontal (Same Year within and across subjects) Vertical (Same Subject, progression within) Diagonal (different subject, different year group)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2						
KS1 Cycle A	<p>Geography <i>GSk&Fw</i> Own Locality: School & Village of Barby</p>	<p>Science CHEMISTRY Y1 Everyday Materials: Naming Materials, Properties, compare Y2: Everyday Materials Identify and compare uses of everyday materials</p> <p>1AT1 Geography: Materials in locality</p> <p>PHYSICS SEASONAL CHANGE: Variety of Seasonal Plants including deciduous and evergreen trees</p>	<p>History <i>Changes within living memory:</i> Toys</p> <p>Science 1AT1 Apply knowledge of materials</p>	<p>Science CHEMISTRY Year 1: Everyday Materials Compare and group together a variety of everyday materials based on their simple physical properties Year 2: Everyday Materials How the shapes of solid objects can be changed</p> <p>PHYSICS SEASONAL CHANGE Variety of Seasonal Plants including deciduous and evergreen trees</p>	<p>Geography <i>Locational Kn</i> UK Countries</p> <p>1AT1 Geography Own Locality comparison</p>	<p>Science BIOLOGY Y2: Plants Observe and describe how seeds grow into mature plants Our Vegetable Patch Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy</p> <p>PHYSICS SEASONAL CHANGE Variety of Seasonal Plants including deciduous and evergreen trees</p>	<p>History <i>Significant People:</i> Florence Nightingale, Mary Seacole and Edith Carvell</p>	<p>Science BIOLOGY Y1: Animals Identify and name a variety of common animals/birds/fish etc Describe and compare structure of a variety of animals Y2:Animals & habitats Basic needs of animals for survival Identify variety of plants and animals within their habitats</p> <p>PHYSICS: SEASONAL CHANGE Variety of Seasonal Plants including deciduous and evergreen trees</p>	<p>Geography <i>Place Kn</i> Non-European Study: Kenya-Nairobi</p>	<p>Science BIOLOGY Year 1:Animals Identify and name carnivores& herbivores Y2: Animals, Food chains Habitats (including micro habitats and dependence Simple food chains</p> <p>PHYSICS SEASONAL CHANGE Variety of Seasonal Plants including deciduous and evergreen trees</p>	<p>History <i>Significant Event in own locality:</i> Development of Formula 1 (the Silverstone Experience)</p>	<p>Science BIOLOGY Whole KS1 RSE Programme</p> <p>Y1: Humans Naming basic parts of human body, senses</p> <p>Y2: Humans Basic needs of animals (humans) for survival Importance of Exercise, diet and hygiene Humans have offspring which grow into adults</p> <p>PHYSICS SEASONAL CHANGE</p>
KS1 Cycle B	<p>Geography <i>Place Kn</i> Own Locality Barby within the County of Northamptonshire</p> <p>1BT3 Geography</p>	<p>Science CHEMISTRY Y1 Everyday Materials: Naming Materials, Properties, compare Y2: Everyday Materials Identify and compare uses of everyday materials</p>	<p>History <i>Changes within living memory:</i> Transport</p>	<p>Science CHEMISTRY Year 1: Everyday Materials Compare and group together a variety of everyday materials based on their simple physical properties Year 2: Everyday Materials How the shapes of solid objects can be changed</p>	<p>Geography <i>Locational& Place Kn</i> UK Countries London</p>	<p>Science BIOLOGY Y2: Plants Observe and describe how bulbs grow into mature plants Our Flower Garden Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy</p>	<p>History <i>Changes Beyond Living Memory</i> The Great Fire of London Compare with Great Fire of Northampton</p>	<p>Science BIOLOGY Y1: Animals Identify and name a variety of common animals/birds/fish etc Describe and compare structure of a variety of animals Y2: Animals & habitats Basic needs of animals for survival Identify variety of plants and animals within their habitats</p>	<p>Geography <i>Lkn7 continents, 5 oceans</i> <i>H7Ph Hot & Cold areas</i> The World</p>	<p>Science BIOLOGY Year 1 :Animals Identify and name carnivores& herbivores Y2: Animals, Food chains Habitats (including micro habitats and dependence Simple food chains</p>	<p>History <i>Significant People:</i> Christopher Columbus, Scott of the Antarctic comparison</p>	<p>Science BIOLOGY Whole KS1 RSE Programme</p> <p>Y1: Humans Naming basic parts of human body, senses</p> <p>Y2: Humans Basic needs of animals (humans) for survival Importance of Exercise, diet and hygiene Humans have offspring which grow into adults</p>
Y3	<p>Geography UK study Countries and regions / cities</p>	<p>Science Science BIOLOGY Y3: Plants Functions of parts Requirements for life Transport of water Life cycle</p>	<p>History Changes in Britain from the Stone Age to the Iron Age Skara Brae Bronze Age Stonehenge Iron age hill forts</p>	<p>Science CHEMISTRY Y3: Rocks Appearance Properties Fossils Soils History 1.4 (fossils)</p>	<p>Geography European Study <i>Place Knowledge</i> Similarities differences of place in UK European country Italy</p>	<p>Science BIOLOGY Y3: Animals including humans Animals: humans (nutrition)</p>	<p>History The Roman Empire and its Impact on Britain (Invaders)</p>	<p>Science BIOLOGY Y3: Animals including humans Animals: humans (muscles & skeleton)</p>	<p>History The Roman Empire and its Impact on Britain (Settlers)</p>	<p>Science PHYSICS Y3: Light Darkness Reflection Protection Shadows Changing shadows</p>	<p>Geography <i>Human and physical</i> Volcanoes & earthquakes</p>	<p>Science PHYSICS Y3: Forces and Magnets Movement on surface Contact between objects Magnetic materials Attract or repel Poles</p>
Y4/5/6 Cycle A	<p>History The Achievements of the Earliest Civilisations: Ancient Egypt</p>	<p>Science BIOLOGY Y4: Humans Digestive system Types pf teeth and functions</p>	<p>History The Achievements of the Earliest Civilisations: Ancient Egypt</p>	<p>Science PHYSICS Y4: Electricity Appliances Circuits Switches conductors or insulators</p>	<p>Geography <i>Human and physical</i> Rivers & the water cycle Nene/Thames</p>	<p>Science CHEMISTRY Y4: States of matter Water cycle Evaporation Condensation Science CHEMISTRY Y4: States of matter Compare and group Solids liquids gases Changes due to heating or cooling</p>	<p>Geography Region in the UK study: London Geography 3.1</p>	<p>Science BIOLOGY Y4: Animals including humans Food chains Producers Predators</p>	<p>History Britain's Settlement by Anglo-Saxons and Scots Settlement Roman withdrawal Scots' invasions Anglo Saxons invasion settlements and kingdoms Christian conversion Iona Lindisfarne</p>	<p>Science BIOLOGY Y4: Living things and their habitats Living things can be grouped Classification keys Environments can change</p>	<p>History The Vikings' and Anglo-Saxons' struggle for the Kingdom of England to the time of Edward the Confessor Viking raids and invasion Alfred the Great Danegeld Laws and justice Edward the Confessor</p>	<p>Science PHYSICS Y4: Sounds Vibrations Ear Pitch Volume</p>
Y4/5/6 Cycle B	<p>History Ancient Greece Geography 3.3</p>	<p>Science Science BIOLOGY Y5: Animals inc humans Life Cycles, Changes as humans develop Gestation</p>	<p>History Ancient Greece Geography 3.3</p>	<p>Science PHYSICS Y5: Earth and Space Movement of Earth Movement of Moon Sun, Moon and Earth Rotations</p>	<p>Geography <i>Human and physical</i> Geography <i>Locational Knowledge</i> Topographical features Hills mountains</p>	<p>Science Forces Science PHYSICS Y5:Forces Gravity Air resistance Friction Levers pulleys and gears</p>	<p>Geography European country: Barcelona Geography 3.3</p>	<p>Science BIOLOGY Y5: All living things and their habitats Life cycles of mammals insects birds Life process of reproduction plants/animals</p>	<p>History Local history study (e.g. Northamptonshire's shoe industry)</p>	<p>Science CHEMISTRY Y5: Properties and changes of materials Properties Solution Separation Reversible/irreversible changes New materials</p>	<p>History Local history study (e.g. Northamptonshire's shoe industry)</p>	<p>Science PHYSICS Y6:Light Straight lines Reflections Eyes Light travels Shadow shape</p>
Y4/5/6 Cycle C	<p>History A study of an aspect in British History that extends chronological knowledge beyond 1066: Advances of Medicine / Crime and Punishment</p>	<p>Science BIOLOGY Y6: Animals inc.humans Circulatory system Diet exercise Transportation of water animals and humans</p>	<p>History A study of an aspect in British History that extends chronological knowledge beyond 1066: Advances of Medicine / Crime and Punishment</p>	<p>Science PHYSICS Y6: Electricity Brightness /cells Components of circuits Switches Symbols</p>	<p>Geography North & South America Geography <i>Locational Knowledge</i> Countries and cities of the world North America</p>	<p>Science BIOLOGY Y6: Living things and their habitats Classification Micro- organisms plants and animals characteristics</p>	<p>Geography Region within North or South America: Amazon <i>Human and physical</i> Biomes Rainforest Economic trade</p>	<p>Geography Region within North or South America: Amazon <i>Human and physical</i> Biomes Rainforest Economic trade</p>	<p>Science BIOLOGY Y6: Evolution and inheritance Living things have changed (Polar Example) Offspring variations Fossil information adaptation</p>	<p>Geography <i>Human and physical</i> Polar Biome Ice Trap, Shackleton</p>	<p>History A Non-European Society: Mayan Civilization</p>	<p>Science Review</p>