

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