

Class 4 – year A	Abracadabra!	Law and Disorder	Globetrotters	What a Saga!	(Crack the code/) Magical Mystery Tour	
					Taught as one topic over both half terms	
English	Class text: The Nowhere Emporium by Ross Mackenzie Narrative (suspense) Balanced argument Poetry	Class text: The story of Crime and Punishment Biography Non-chronological report Narrative poetry-The Highwayman	Class text: Around the world in 80 days by Jules Verne Recount X Journalistic writing Instructions	Class text: The Saga of Erik the Viking by Erik Idle Narrative- Norse Mythology and Viking Sagas Diary	Class text: High Rise Mystery by Sharna Jackson Explanation Non-Chronological report	Class text: continue from previous term Persuasive writing Narrative
Maths	Place value and Roman numerals Addition and subtraction Statistics Area and perimeter	Multiplication and division Factors, prime, squared and cubed numbers Geometry-position and direction	Decimals Percentages Fractions Ratio	Algebra Measures-converting units Formal methods of multiplication and division	Revision Properties of shape-angles, 2D, 3D, circles and drawing shapes	Volume Measures-Time and timetables Maths investigations
Science	Forces (air and water resistance) -explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object -identify the effects of air resistance, water resistance and friction, that act between moving surfaces -recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect -find out how scientists, for	Electricity - associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit -compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches -use recognised	Earth and Space -describe the movement of the Earth and other planets relative to the sun in the solar system - describe the movement of the moon relative to the Earth - describe the sun, Earth and moon as approximately spherical bodies - use the idea of the Earth’s rotation to explain day and night and the apparent movement of the sun	Properties and changes of materials -compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets - know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a	Living things and their habitats (life cycles/life processes) -describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird - describe the life process of reproduction in some plants and animals - working scientifically: observe and compare the life cycles of plants and animals in their local environment with	Animals, including humans (changes as humans develop into old age) -draw a timeline to indicate stages in the growth and development of humans. - learn about the changes experienced in puberty - working scientifically- research the gestation periods of other animals and compare them with

	<p>example, Galileo Galilei and Isaac Newton helped to develop the theory of gravitation.</p>	<p>symbols when representing a simple circuit in a diagram</p>	<p>across the sky - find out about the way that ideas about the solar system have developed, understanding how the geocentric model of the solar system gave way to the heliocentric model by considering the work of scientists such as Ptolemy, Alhazen and Copernicus.</p>	<p>solution - use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating - give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic - demonstrate that dissolving, mixing and changes of state are reversible changes - explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda - find out about how chemists create new materials, for example, Spencer Silver, who invented the glue for sticky notes or Ruth</p>	<p>other plants and animals around the world (in the rainforest, in the oceans, in desert areas and in prehistoric times), ask pertinent questions and suggest reasons for similarities and differences.</p>	<p>humans; find out and record the length and mass of a baby as it grows.</p>
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				Benerito, who invented wrinkle-free cotton.		
History		Social history- Crime and Punishment Understanding bias and different perspectives		Vikings- Compare different eras and how the past is represented in different ways		Local area study How Chappel buildings have changed over time
Geography	Geographical and fieldwork skills – Mersea residential- location and physical features		Understand how location in the world dictates time zones		Use OS Maps, 8-point compass and grid references	
Art	Collage-based on the class book	Drawing- develop personal style		Print- printing blocks/ patterns to create images of Viking society	Digital media- editing pictures	Artist study-water colours Gainsborough/ Constable
Design & Technology	design and create an electrical Christmas game in groups, for the Christmas fayre	Cooking- design, bake and decorate Christmas cakes	Design and make a Mars Rover- wood and axle structure	Clay-design and make a Viking shield	Understand how key events and individuals in design and technology have helped shape the world	Use mechanical and electrical systems to create a souvenir
RE	Islam Makkah, the ka'aba, the prophet Muhammed, Jesus is a revered prophet in Islam. Hajj Five pillars of Islam Harvest	Understanding Christianity – Incarnation Christmas and events told from the different gospels	Judaism The story of Moses and exodus from Egypt Festival of Pesach Moses and the ten commandments Jewish home - Keeping Kosher The Shema and Mezuzah Understanding Christianity – people of God	Easter and Holy week Understanding Christianity – Salvation (year 5 unit)	Central belief in different religions and humanism Teachings of Jesus The middle way/eightfold path, Enlightenment, Buddha Key Humanist beliefs and ideas 5 Pillars of Islam The shema, 10 commandments Mool Mantra	Understanding Christianity – God
PE	Tag rugby and gymnastics	Football and dance	Basketball and	Hockey and dance	Tennis and OAA	Athletics and

			gymnastics			rounders
French	Classroom language, numbers up to 60, character descriptions	Weather forecast, towns in France, transport, Christmas	Places in a town, directions, shopping and money, clothes	Sports and hobbies, opinions and feelings, Easter	Numbers 70-100, grammar-verbs, classroom prepositions	Time, daily routine, French school life
Computing	Computer skills/ short cut keys/powerpoint/Word	Internet search engines	Data collection and spreadsheets	Radio Station: sounds/ podcasts/ jingles	Coding using Scratch	Understand how to stay safe online
Music	Charanga Year 5: Livin' on a prayer	Christmas carols for church service	Charanga Year 5: Make you feel my love	BBC music: Viking Sagas	Charanga Year 5: Dancing in the street	KS2 production songs
PHSE	Jigsaw year 6- Being me in my world	Jigsaw Year 6- Celebrating differences	Jigsaw Year 6- dreams and goals	Jigsaw Year 6-healthy me	Jigsaw Year 6-relationships	Jigsaw-Year 6-changing me-including Sex Education
Livwell wellbeing	Healthy Body	Healthy lifestyle	Healthy Me	Healthy mind	Livwell Mix	Personal challenges