

Year 3 Long Term Plan



Yr. 3	Autumn	Spring	Summer
IPC	Scavengers and Settlers	Treasure – Archaeology	Temples Tombs & Treasures
RE	Autumn 1 – Beginning with the church Autumn 2 – From Advent to Christmas	Spring 1 is called Jesus at Prayer. It will look at the Jewish prayer traditions of Jesus...including the story of the Passover in preparation for Lent Easter. Spring 2 will be Lent/Easter Year B	Summer 1 is From Easter to Pentecost Summer 2 Discipleship (from the Gospel of Mark)
Science	Rocks <ul style="list-style-type: none"> ✓ Compare and group together different kinds of rocks on the basis of their simple physical properties ✓ Relate the simple physical properties of some rocks to their formation (igneous or sedimentary) ✓ Describe in simple terms how fossils are formed when things that have lived are trapped within sedimentary rock Forces and Magnets <ul style="list-style-type: none"> ✓ Notice that some forces need contact between two objects and some forces act at a distance ✓ Observe how magnets attract and repel each other and attract some materials and not others ✓ Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet and identify some magnetic materials 	Magnetism <ul style="list-style-type: none"> ✓ Describe magnets as having two poles ✓ Predict whether two magnets will attract or repel each other depending on which poles are facing Animals <ul style="list-style-type: none"> ✓ Identify that animals including humans need the right types and amount of nutrition and that they cannot make their own food; they get nutrition from what they eat ✓ Describe the ways in which nutrients and water are transported in animals, including humans ✓ Identify that humans and some animals have skeletons and muscles for support, protection and movement 	Plants <ul style="list-style-type: none"> ✓ Identify and describe the function of different parts of flowering plants; roots stem leaves and flowers, ✓ Explore the requirements of plants for life and growth (air, light, water, nutrients from soil and room to grow) and how they vary from plant to plant ✓ Investigate the way in which water is transported in plants, ✓ Explore the role of flowers in the life cycle of flowering plants, including pollination, seed formation and seed dispersal Light <ul style="list-style-type: none"> ✓ Observe and name a variety of sources of light including electric lights, flames and the sun, explaining that we see things because light travels from them to our eyes ✓ Notice that light is reflected from surfaces ✓ Associate shadows with a light source being blocked by something; find patterns that determine the size of shadows

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<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Geography</p>	<ul style="list-style-type: none"> ✓ Name and locate counties and cities of the UK, geographical regions and their identifying human and physical characteristics, including hills, mountains, cities, rivers key topographical features and land use patterns and understand how some of these aspects have changed over time ✓ Use maps/atlas/globes and digital/computer mapping to locate countries & describe features studied. ✓ Use eight compass points, four grid references, symbols and key to build knowledge of United Kingdom 	<p>Europe – Compare and Contrast U.K and Italy</p> <ul style="list-style-type: none"> ✓ Use maps to focus on Europe concentrating on their environmental regions, key physical and human characteristics, countries and major cities ✓ Understand geographical similarities and differences through the study of human and physical geography of a region or area of the UK and a region or area North Africa 	<p>Human and Physical Geography</p> <ul style="list-style-type: none"> ✓ Describe and understand key aspects of physical geography including climate zones, biomes and vegetation belts, rivers, mountains, volcanoes, earthquakes & the water cycle. ✓ Human geography including types of settlements and land use economic activity including trade links and the distribution of natural resources including energy, food, minerals and water.
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">History</p>	<p>Changes in Britain: Stone age to iron age</p> <ul style="list-style-type: none"> ✓ Late Neolithic; hunter gathers & early farmers, for e.g. Skara Brea ✓ Bronze age religion; technology & travel, Stonehenge ✓ Iron age hill forts, tribal kingdoms, farming & culture ✓ Be able to give some reasons for particular events and changes ✓ Be able to gather information from simple sources 	<p>Roman Empire and impact on Britain</p> <ul style="list-style-type: none"> ✓ Know and understand the broad outlines of European and world history; the growth and decline of ancient civilisations; the expansion and dissolutions of empires; the achievement and follies of mankind. ✓ Julius Caesar ✓ Attempted invasion in 55-54BC ✓ Roman Empire by 42AD & power of its army ✓ Successful invasion by Claudius ✓ British resistance including Boudicca ✓ Impact of Roman technology – roads, Hadrian’s wall, houses, baths ✓ Romanisation of Britain – Christian beliefs. 	<p>Egypt</p> <p>Achievement of earliest civilization</p> <ul style="list-style-type: none"> ✓ Overview of first civilisations ✓ Be able to give some reasons for particular events and change. ✓ Be able to gather information from simple sources.
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Art</p>	<p>Prehistoric Cave Paintings</p> <ul style="list-style-type: none"> ✓ Create sketch books to record observations and use them to review and revisit ideas, and collect visual material to help develop ideas ✓ Use a range of techniques including drawing, painting and sculpture with a range of materials. 	<p>Roman Sculpture</p> <ul style="list-style-type: none"> ✓ Improve mastery of techniques such as drawing painting and sculpture with materials (e.g. pencil, charcoal, paint, clay) ✓ Learn about the greatest artists, architects and designers in history 	<ul style="list-style-type: none"> ✓ Improve mastery of art & design techniques such as drawing, painting and sculpture with materials (e.g. pencil, charcoal, paint, clay) ✓ Creating our own tomb wall painting ✓ Making an Ancient Egyptian headdress
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">D&T</p>	<p>Make a shelter</p> <ul style="list-style-type: none"> ✓ Select from and use a wider range of tools including construction materials according to their functional properties and aesthetic qualities. ✓ Understand key events and turning points in design and how they have shaped the world ✓ Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques. 	<p>Roman artefacts (See art & technology in IPC)</p> <ul style="list-style-type: none"> ✓ Investigate and analyse a range of existing products. ✓ Use safely and increasingly effectively wider range of tools and materials with increasing skill to make products that are fit for purpose ✓ Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work. 	<p>Bread Making</p> <ul style="list-style-type: none"> ✓ Use safely and increasingly effectively wider range of tools and materials with increasing skill to make products that are fit for purpose ✓ Develop and use straight forward practical skills ✓ Understand seasonality and know where and how a variety of ingredients are grown and processed ✓ Understand and use electrical systems in their product incorporating, lights, switches buzzer tec.

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Computing ✓ Use internet safely and appropriately ✓ Collect and present data and information appropriately ✓ Design & write programs to achieve specific goals, including solving problems ✓ Use logical reasoning ✓ Understand computer networks	E-Safety -SAFE e-safe certification stage 1 using Makewaves.	E-Safety Decide on reliability and safety of websites by investigating and looking at web addresses.	E-Safety -Explore e-safety implications of devices used outside of school.			
	ICT -Use Google maps to locate and mark settlements studied in topic. -Use Google maps to investigate geographical features of areas studied. -Make a database of country information. Make fields and enter data as a class. Design questions to analyses data- Textease Database	ICT -Use Microsoft publisher to create leaflet promoting archaeological site. -Access suitable sites selected by the teacher by following links; share suitable sites with others in the class - Create a Then and Now poster using images and text to describe changes in sites. -Use voice audacity to produce a podcast/news report using sound effects.	ICT- -Create stop-motion animation to show transfer of data on computer networks. -Use SketchUp to create 3D image of tomb/pyramid.			
	Control and programming Use lightbot to give simple instructions to achieve a goal.	Control and programming- -Use Tynker to write programs to solve a goal. -Use reasoning to find and correct problems in a program.	Computer science- -Understand computer networks using physical simulation. -Computing without computers to develop understanding of computational thinking.			
PE ✓ Use running, jumping, catching and throwing in isolation and in combination ✓ Play competitive games, modified as appropriate ✓ Develop flexibility & control in gym, dance & athletics ✓ Compare performances to achieve personal bests	Adv. Multi sports, net games	Dance, Gymnastics, Yoga	Tag-rugby, handball	Hockey, Short tennis	Fitness, Athletics with Personnel Best	Rounders, Cricket
Music ✓ Use voice & instruments with increasing accuracy, control and expression ✓ Improvise & compose music ✓ Listen with attention to detail ✓ Appreciate wide range of live & recorded music ✓ Begin to develop understanding of history	Introduce tuned percussion		Continue with Tuned percussion and simple percussion to accompany a song. Sing songs from UK and African continent.		Listen to Carnival of Animals-Saint-Saens then create own animal music.	

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Spanish ✓ Listen and engage ✓ Ask & answer question ✓ Speak in sentences using familiar vocabulary ✓ Develop appropriate pronunciation ✓ Show understanding of words & phrases ✓ Appreciate stories, songs, poems & rhymes ✓ Broaden vocabulary				✓ Science: label products of rocks. ✓ Art: "Altamira" cave paintings in Spain. ✓ D & T: recipe in Spanish.		✓ Treasure hunters & archaeology		✓ Temples, tombs & treasures	
Yearly Objectives									
English	Reading ✓ Use knowledge to read 'exception' words ✓ Read range of fiction & non-fiction ✓ Use dictionaries to check meaning ✓ Prepare poems & plays to perform ✓ Check own understanding of reading ✓ Draw inferences & make predictions ✓ Retrieve & record information from non-fiction books ✓ Discuss reading with others			Writing ✓ Use prefixes & suffixes in spelling ✓ Use dictionary to confirm spellings ✓ Write simple dictated sentences ✓ Use handwriting joins appropriately ✓ Plan to write based on familiar forms ✓ Rehearse sentences orally for writing ✓ Use varied rich vocabulary ✓ Create simple settings & plot ✓ Assess effectiveness of own and others' writing			Grammar ✓ Use range of conjunctions ✓ Use perfect tense ✓ Use range of nouns & pronouns ✓ Use time connectives ✓ Introduce speech punctuation ✓ Know language of clauses Speaking & Listening ✓ Give structured descriptions ✓ Participate activity in conversation ✓ Consider & evaluate different viewpoints		
	Mathematics	Number/Calculation ✓ Learn 3, 4 & 8x tables ✓ Secure place value to 100 ✓ Mentally add & subtract units, tens or hundreds to numbers of up to 3 digits ✓ Written column addition & subtraction ✓ Solve number problems, including multiplication & simple division and missing number problems ✓ Use commutatively to help calculations			Geometry & Measures ✓ Measure & calculate with metric measures ✓ Measure simple perimeter ✓ Add/subtract using money in context ✓ Use Roman numerals up to XII; tell time ✓ Calculate using simple time problems ✓ Draw 2-d / Make 3-d shapes ✓ Identify and use right angles ✓ Identify horizontal, vertical, perpendicular and parallel lines			Fractions & decimals ✓ Use & count in tenths ✓ Recognise, find & write fractions ✓ Recognise some equivalent fractions ✓ Add/subtract fractions up to <1 ✓ Order fractions with common denominator Data ✓ Interpret bar charts & pictograms	

