

Year 4 Long Term Plan



Yr 4	Autumn	Spring	Summer
IPC	Active Planets	Turn it up!	Do you live around here?
RE		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	<p>All Living Things</p> <ul style="list-style-type: none"> ✓ Identify and name a variety of living things (plants and animals) in the local and wider environment using classification keys to assign them to groups ✓ Give reasons for classifying plants and animals based on specific characteristics ✓ Recognise that environments are constantly changing and this can sometimes pose dangers to specific habitats <p>States of Matter</p> <ul style="list-style-type: none"> ✓ Compare and group materials together, according to whether they are solids, liquids or gases ✓ Observe that some materials change state when they are heat or cooled, and measure the temperature at which this happens in degrees Celsius, building on their teaching in mathematics ✓ Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature 	<p>Sound</p> <ul style="list-style-type: none"> ✓ Observe and name a variety of sources of sound, noticing that we hear with our ears ✓ Identify how sounds are made, associating some of them with something vibrating ✓ Recognise that sounds get fainter as the distance from the sound source increases ✓ Find patterns between the pitch of a sound and features of the object that produced it ✓ Find patterns between the volume of a sound and the strength 	<p>Animals, including humans</p> <ul style="list-style-type: none"> ✓ Describe the simple functions of the basic parts of the digestive system in humans ✓ Identify the different types of teeth in humans and their simple functions <p>Evolution and Inheritance</p> <ul style="list-style-type: none"> ✓ Identify how plants and animals, including humans, resemble their parents in many features ✓ Recognise that living things have changed over time and that fossils provide information about living things that inhabited the earth millions of years ago ✓ Identify how animals and plant are suited to and adapt
Geography	<ul style="list-style-type: none"> ✓ Describe and understand key aspects of physical geography, including climate zones, mountains, volcanoes and earthquakes and the water cycle ✓ Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied ✓ Locate Pompeii, Italy and nearby towns in an Atlas. ✓ What do volcanoes look like? ✓ Where can volcanoes be found? ✓ What are the different states of volcanoes called? (dormant, active, extinct, etc.) ✓ What happens when volcanoes erupt? (both what we can see and what happens under the surface) 	<ul style="list-style-type: none"> ✓ Use field work to observe measure, record and present the human & physical features in the local area using a range of methods, including sketch maps, plans & graphs & digital technologies. (Sound of traffic pollution) ✓ Name and locate counties, geographical regions, land use patterns and how some aspects have changed over time. 	<ul style="list-style-type: none"> ✓ Describe and understand key aspects of human geography, including ; settlements, economic activity including trade links and the distribution of natural resources including energy, food , mineral and water supplies ✓ Understand geographical similarities and differences between Britain and a region in South America ✓ Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

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History	<ul style="list-style-type: none"> ✓ Develop chronological secure knowledge of world history establishing clear narratives across & within the period they study. ✓ Locate Pompeii, Italy and nearby towns in an Atlas. ✓ Ask the children to find out as much as they can about Pompeii in 79 AD and the eruption of Mount Vesuvius. How can they tell what the people were doing at the time? ✓ Look at another notable volcanic eruption from the past and find out about its impact and place in history, e.g.: 1980 Mount St. Helens, Washington 	<ul style="list-style-type: none"> ✓ Anglo Saxons & Invasions, settlements and kingdoms, place names and village life 	<ul style="list-style-type: none"> ✓ Elizabeth I & Elizabeth II ✓ Lives of significant individuals who have contributed to national & international achievements 	
Art	<ul style="list-style-type: none"> ✓ In Art, we'll be finding out: ✓ About hot and cold colours ✓ About using different materials and techniques to represent a volcano ✓ The children should create a piece of art using paint, glued-on materials, layering, etc., to depict a volcanic eruption. Provide a variety of materials and paints for this, e.g. cotton wool could be painted grey to represent smoke and gas, pieces of bark to represent trees growing on the side of the volcano that are being burnt by the lava, orange chiffon to represent flames, and so on. The children can mix the paint themselves to get suitable colours. 	<ul style="list-style-type: none"> ✓ Picasso's cubist period ✓ 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"> ✓ Portraits ✓ Hoban – (The Ambassador) & other great Tudor artist imagery in work ✓ Elizabeth I v Cromwell who was painted warts & all ✓ Andy Warhol 	
D&T	<p>Earthquake Proof structures</p> <ul style="list-style-type: none"> ✓ Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. ✓ Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer aided design. 	<p>Making instruments</p> <ul style="list-style-type: none"> ✓ Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately. ✓ Evaluate their ideas and products against their own design criteria and consider the viewpoint of others to improve their work. 	<p>Tudor feasts</p> <ul style="list-style-type: none"> ✓ Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed. 	
Computing	<ul style="list-style-type: none"> ✓ Use internet safely and appropriately ✓ 	<p>E-Safety</p> <p>-SAFE e-safe certification stage 1 using Makewaves.</p>	<p>E-Safety</p> <p>-Understand copyright and use pixabay/google advanced search to find appropriate images.</p>	<p>E-Safety</p> <p>-Relate e-safety implications on social networks to global communication. -Create e-safety tip sheet for family using devices at home.</p>

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<ul style="list-style-type: none"> ✓ Collect and present data and information appropriately ✓ Design & write programs to achieve specific goals, including solving problems ✓ Use logical reasoning ✓ Understand computer networks 	<p>ICT</p> <ul style="list-style-type: none"> -Use iMovie to create a news report based on a natural disaster. -Create a Newspaper report, adding text and images and formatting text appropriately. 		<p>ICT</p> <ul style="list-style-type: none"> -Use information found online to inform presentation work, without copying and pasting text 		<p>ICT</p> <ul style="list-style-type: none"> -Use Google Maps to investigate locality. -Use Paint.NET to create Andy Warhol pop-art style picture of themselves. -Use a word processor to write about habitats incorporating text and images using wrapping -Make a simple radio advert promoting their product from workweek. Use Audacity to make simple edits 	
<p>PE</p> <ul style="list-style-type: none"> ✓ 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 	Basketball, Netball, Football,	Dance, Gymnastics, Yoga	Handball, Tag- rugby	Hockey, Short tennis, Badminton	Fitness, Athletics with Personnel Best	Cricket, Orienteering, Rounders
<p>Music</p> <ul style="list-style-type: none"> ✓ 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 	Start to play the Recorders and continue to read music.		Play Recorders and Tuned percussion. Look at sounds and vibrations		Listen to Elizabethan/Tudor music and create a piece of music.	

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Spanish <ul style="list-style-type: none"> ✓ 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 	<ul style="list-style-type: none"> ✓ Science: Volcanoes (labelling parts) ✓ Geography: Spanish speaking countries that have volcanoes. ✓ Writing: we write simple sentences about volcanoes. 	<ul style="list-style-type: none"> ✓ Where do you live (revise types of houses) ✓ Places where we live (city, town, village, near the sea, in the mountains) ✓ Describe your home and the area where you live
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Yearly Objectives

English	Reading <ul style="list-style-type: none"> ✓ Secure decoding of unfamiliar words ✓ Read for a range of purposes ✓ Retell some stories orally ✓ Discuss words & phrases that capture the imagination ✓ Identify themes & conventions ✓ Retrieve & record information ✓ Make inferences & justify predictions ✓ Recognise a variety of forms of poetry ✓ Identify & summarise ideas 	Writing <ul style="list-style-type: none"> ✓ Correctly spell common homophones ✓ Increase regularity of handwriting ✓ Plan writing based on familiar forms ✓ Organise writing into paragraphs ✓ Use simple organisational devices ✓ Proof-read for spelling & punctuation errors ✓ Evaluate own and others' writing ✓ Read own writing aloud 	Grammar <ul style="list-style-type: none"> ✓ Use wider range of conjunctions ✓ Use perfect tense appropriately ✓ Select pronouns and nouns for clarity ✓ Use & punctuate direct speech ✓ Use commas after front adverbials Speaking & Listening <ul style="list-style-type: none"> ✓ Articulate & justify opinions ✓ Speak audibly in Standard English ✓ Gain, maintain & monitor interest of listeners
Mathematics	Number/Calculation <ul style="list-style-type: none"> ✓ Know all tables to 12 x 12 ✓ Secure place value to 1000 ✓ Use negative whole numbers ✓ Round numbers to nearest 10, 100 or 1000 ✓ Use Roman numerals to 100 (C) ✓ Column addition & subtraction up to 4 digits ✓ Multiply & divide mentally ✓ Use standard short multiplication 	Geometry & Measures <ul style="list-style-type: none"> ✓ Compare 2-d shapes, including quadrilaterals & triangles ✓ Find area by counting squares ✓ Calculate rectangle perimeters ✓ Estimate & calculate measures ✓ Identify acute, obtuse & right angles ✓ Identify symmetry ✓ Use first quadrant coordinates ✓ Introduce simple translations Data <ul style="list-style-type: none"> ✓ Use bar charts, pictograms & line graphs 	Fractions & decimals <ul style="list-style-type: none"> ✓ Recognise tenths & hundredths ✓ Identify equivalent fractions ✓ Add & subtract fractions with common denominators ✓ Recognise common equivalents ✓ Round decimals to whole numbers ✓ Solve money problems

