



English	Maths	Science	Computing	RE
<p>Non-Fiction – Information booklet with a collection of non-fiction types Children will read a range of information booklets before planning and writing their own booklet about California.</p> <p>Non-Fiction – Recounts in the form of newspapers Children will study at a variety of newspaper articles and then write their own newspaper report about the discovery of King Tutankhamun's tomb.</p> <p>Poetry – Poems on a theme Children will read and discuss a range of poetry before performing a poem to the rest of the class.</p> <p>Spelling During our spelling lessons this term we will focus on:</p> <ul style="list-style-type: none"> • Suffix '-ous' • Prefixes 'un-', 'dis-', 'in-', 're-', 'sub-', 'inter-', 'super-', 'anti-', 'auto- • Suffix '-ly' added to words ending in 'y', 'le' and 'ic' 	<p>Shape & Area</p> <ul style="list-style-type: none"> • Complete a simple symmetric figure with respect to a specific line of symmetry. • Describe movements between positions as translations of a given unit. • Find the area of a rectilinear shape. <p>Time</p> <ul style="list-style-type: none"> • Read, write and convert time between analogue and digital 12 and 24-hour clocks. • Solve problems involving converting from hours to minutes; minutes to seconds; years to months and weeks to days. <p>Place Value</p> <ul style="list-style-type: none"> • Recognise the place value of each digit in a 4-digit number. • Order and compare numbers beyond 1000. • Round any number to the nearest 10, 100 or 1000. • Solve word problems that involve all of the above. <p>Statistics</p> <ul style="list-style-type: none"> • Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables & other graphs. <p>Addition & Subtraction</p> <ul style="list-style-type: none"> • Add and subtract numbers with up to 4 digits and decimals using column addition or subtraction. • Estimate and use inverse calculations to check answers to a calculation. • Solve addition and subtraction two-step word problems. <p>Multiplication & Division</p> <ul style="list-style-type: none"> • Multiply 2 and 3-digit numbers by a 1-digit number using the formal written method. • Solve problems involving multiplication and division. <p>Shape</p> <ul style="list-style-type: none"> • Use a variety of sorting diagrams to compare and classify shapes. • To identify horizontal, vertical, perpendicular and parallel lines. • Identify acute and obtuse angles and compare and order angles up to 2 right angles by size. 	<p>Solids, Liquids & Gases (continued) Children will:-</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 heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C) • Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature. <p>Electricity Children will:</p> <ul style="list-style-type: none"> • Identify common appliances that run on electricity. • Construct a simple series electrical circuit, identifying and naming its parts, including cells, wire, bulbs, switches and buzzers. • Identify whether or not a lamp will light in a simple series circuit, based on whether a lamp is part of a complete loop with a battery. • Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit. • Recognise some common conductors and insulators and associate metals with being good conductors. 	<p>Programming The children will:-</p> <ul style="list-style-type: none"> • Use a variety of tools to create a program • Know how to keep testing a program while putting it together • Recognise that an algorithm will help to sequence more complex programs • Recognise an error in a program and debug it • Recognise that using algorithms will also help solve problems in other learning such as Maths. <p>Multimedia The children will:-</p> <ul style="list-style-type: none"> • Use photos and sound to create an atmosphere when presenting to different audiences • Explore new media to extend what they can achieve • Create, modify and present documents for a specific purpose • Give constructive feedback to friends to help them improve their work and consider their own work in the same way. <p>Technology in our Lives The children will:-</p> <ul style="list-style-type: none"> • Check who owns photos, text and clipart. <p>Online Safety The children will:-</p> <ul style="list-style-type: none"> • Comment positively and respectfully online • Talk about why they need to ask a trusted adult before downloading files and games from the Internet. 	<p>Christianity Key Question – Why are some occasions sacred to believers?</p> <ul style="list-style-type: none"> • Think about occasions we celebrate with a meal. • Know that meals are a time of sharing and celebrating. • Understand why the Eucharist is important for Christians. • Explore how the Eucharist helps Christians remember the sacrifice Jesus made as well as celebrate their faith. • Visit our church. • Consider why Christians take part in Holy Communion.



A Land Pharaoh Way...

History

Children will complete their study of the beliefs, attitudes and experiences of the Ancient Egyptians (continued).

Geography

To complete the topic 'Location, Location, Location', children will study the human and physical geography of Ormskirk and its comparison to California.

Children will understand the effect that the River Nile had on Egypt.

Children will use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

During the Year 4 Adventure holiday, the children will use the eight points of a compass, four and six-figure grid references, symbols and keys (including the use of Ordnance Survey maps).

Art and Design

To complete the topic 'Location, Location, Location', children will take part in a class trip to Gaw Hill, where they will have the opportunity to use a digital camera to capture textures, colours, lines, tones and shades. Once back in school, they will then use their ICT skills to enhance their photograph.

During this topic, Children will produce a piece of Egyptian art by using a range of brush techniques to produce shapes, textures, patterns and lines.

Design Technology

Children will use clay to make 'Egyptian Amulets'.

Children will use simple circuits to create a quiz board which will be used for an end of topic quiz on the Ancient Egyptians.

Languages - Spanish

Music

During our music lessons we will:

- Use voices to sing songs, chants and rhymes.
- Create musical patterns.
- Explore ideas and feelings about music using movement, dance and musical language.
- Know how the combined musical elements of pitch, duration, dynamics, tempo, timbre, texture and silence can be organised and used.