St Clare's Catholic Primary School

Let Our Light Shine

Year 5

Termly Curriculum Overview

Summer Term 1	
Religious Education	**Transformation** Children will learn that Christians believe that the Spirit of God is active in each person and in the community of the Church. It is the work of the Spirit to enable people to hear God's message and to live Jesus' way of service. Children will learn that the use of transforming energy affects their behaviour and that of others. Children will learn about what happened to Cleopas on the road to Emmaus and give reasons for religious actions and symbols connected with Pentecost. **Judaism** Children will learn that every year, during spring time, the Jewish people get ready to come together as families to celebrate the festival of the Passover or Pesach. During Pesach Jewish people remember the story of how God delivered them from slavery in Egypt, how God still takes care of them and how they is still the need for freedom in some places of the world. They will learn about the significance of the elements that make up the Seder meal.

Maths	**Converting units of measure objectives** • Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram). • Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000. • Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints 11. **Calculating with whole numbers and decimals objectives** • Use all four operations to solve problems involving measure (for example length, mass, volume, money) using decimal notation, including scaling. • Solve problems involving number up to three decimal places. • Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers. • multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 **Maths meetings** **Number** • Write percentages as a fraction and as a decimal number. • Add and subtract fractions with the same denominator and denominators that are multiples of the same number. • Use all four operations to solve problems involving measure, using decimal notation • Measures, including money and time. **Solve problems involving converting between units of time Geometry** • Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language. • Know and use the angles at a point / full turn sum to 360°. • Know and use the angles on a straight line / half turn sum to 180°.

English Reading	This half term children will read Anthony Browne's version of King Kong, from this they will draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence. They will also have the opportunities to view discursive texts that debate the issues of animals in captivity. During guided reading, children will work in groups to further develop their understanding of the structure and purpose of balanced arguments

English Spelling, Punctuation, Grammar	**Grammar** Recognising vocabulary and structures that are appropriate for formal speech and writing, including subjunctive forms. Using passive verbs to affect the presentation of information in a sentence. Using the perfect form of verbs to mark relationships of time and cause **Punctuation** Brackets, dashes or commas to indicate parenthesis Use of commas to clarify meaning or avoid ambiguity. Inverted commas. **Spellings** Endings which sound like /ʃəs/ spelt –cious or – tious (surreptitious). Words ending in –ant, –ent, (assistant, distant, persistent, dependent. Converting nouns or adjectives into verbs using suffixes [for example, –ate; –ise; –ify] Verb prefixes [for example, dis–, de–, mis–, over– and re–] Year 5 and 6 spelling list.
English Writing	Children will have the opportunity to write a dilemma narrative, where they infer two characters' actions and us this to write at length. Children will also examine different points of view about keeping animals in captivity and writing a balanced Argument. There will also be shorter writing opportunities across the curriculum. Science - Explanation of different life cycles. RE – Retelling the Easter Story.
Science	**Changes and reproduction** In this unit, the children will learn about the developmental stages of a human from birth to adulthood. They will study the stages of childhood and plot the development of a human from a young child to old age. The children will also describe the processes of sexual and asexual reproduction in flowering plants.
Geography	**Trade across the world** The children will consider why we export the type of goods we do and how this links to the use of trade in the local area They will learn to describe different types of industry currently in the local area: know the journey of how one product gets into their home in detail, Understand that products we use are imported as well as locally produced, explain how the types of industry in the area have changed over time and know information about a region South America, its physical environment and climate, and economic activity.

Physical Education	**Athletics** In this unit, pupils are set challenges for distance and time that involve using different styles and combinations of running, jumping and throwing. As in all athletic activities, pupils think about how to achieve their greatest possible speed, height, distance or accuracy and learn how to persevere to achieve their personal best. They learn how to improve by identifying areas of strength as well as areas to develop. Pupils are also given opportunities to lead when officiating as well as observe and provide feedback to others. In this unit pupils learn the following athletic activities: running over longer distances, sprinting, relay, triple jump, shot put and javelin. **Gymnastics** In this unit, pupils create longer sequences individually, with a partner and a small group. They learn a wider range of actions such as inverted movements to include cartwheels and handstands. They explore partner relationships such as canon and synchronisation and matching and mirroring. Pupils are given opportunities to receive and provide feedback in order to make improvements on their performances. In Gymnastics as a whole, pupils develop performance skills considering the quality and control of their actions
Computing	**3D Modelling** Children will be introduced to 2Design and Make and know what the tool is for. They will explore the different viewpoints in 2Design and Make whilst designing a building. They will also use their skills to design a series of 3d shapes
Design Technology	**Electrical Systems** **Designing** • Use research to develop a design specification for a functional product that responds automatically to changes in the environment. Take account of constraints including time, resources and cost. • Generate and develop innovative ideas and share and clarify these through discussion. • Communicate ideas through annotated sketches, pictorial representations of electrical circuits or circuit diagrams. **Making** • Formulate a step-by-step plan to guide making, listing tools, equipment, materials and components. • Competently select and accurately assemble materials, and securely connect electrical components to produce a reliable, functional product. • Create and modify a computer control program to enable an electrical product to work automatically in response to changes in the environment. **Evaluating** • Continually evaluate and modify the working features of the product to match the initial design specification. • Test the system to demonstrate its effectiveness for the intended user and purpose. • Investigate famous inventors who developed ground-breaking electrical systems and components. **Technical knowledge and understanding** • Understand and use electrical systems in their products. • Apply their understanding of computing to program, monitor and control their products. • Know and use technical vocabulary relevant to the project.

French	**Habitats** Children will learn how to tell somebody in French the key elements animals and plants need to survive in their habitat and examples of the most common habitats for plants and animals. They will also learn to say the names of the animals that live in those habitats in French
PHSE	**Drug, alcohol and tobacco education** **Different influences** Pupils learn about the risks associated with smoking drugs, including cigarettes, e-cigarettes, shisha and cannabis: about different influences on drug use – alcohol, tobacco and nicotine products and learn strategies to resist pressure from others about whether to use drugs –smoking drugs and alcohol.
Relationships, Sex Education	**Spiritual** Celebrating the joy of growing physically and spiritually.
Curriculum Enrichment	