



Curriculum Overview Year 3 Spring Term



Music



Spring 1 - learn to play the glockenspiel

Spring 2 - Benjamin Britten - There was a monkey listening and responding to songs *There Was a Monkey – R&B version* , *There Was a Monkey – R&B version*

RE

Reconciliation



Children will know that human beings often have freedom to make choices. They will understand the difference between a good and a bad choice and the consequences these bring. They will know some teaching of Jesus about the forgiveness of sin when wrong choices have been made. They will understand that the Sacrament of Reconciliation is the Church's celebration of God's forgiveness of sin.

Lent

The children will know and understand that the Season of Lent is a time when Christians try to change to be more like Christ. They will know some stories about Christ bringing change to the lives of people who were sick and in need.

Holy Week

Children will know that Holy Week celebrates the last week of the life of Jesus here on earth. They will understand that the events of Palm Sunday and the Last Supper tell us about who Jesus is. They will be able to make some links between the Passover, the Last Supper and the celebration of Mass.

Easter

The children will know the Stories of the Road to Emmaus and Breakfast at the Shore. They will understand that through these events the Apostles of Jesus became aware of his presence amongst them. They will know that the Church celebrates the presence of the Risen Christ at the Eucharist. They will be able to identify moments in the Mass when this is celebrated.

Global Learning

Tomb Raiders

- Understand the concept of 'Ancient' by placing the Ancient Egyptians on a timeline in history.
- Find out about the beliefs of the Ancient Egyptians by looking at factual evidence about the Pyramids, mummies, Hieroglyphics.
- Look at a range of Egyptian artefacts – what do they tell us about the past?
- Using maps and atlases to locate Egypt on a map.



Computing

During this term the children are 'Learning to be computer scientists'.

The children will use a range of resources including programmable equipment, computers and iPads to help learn how to program. The children will be taught to understand what algorithms are; how they are implemented as programs on digital devices; and that programs work by following precise instructions. They will also learn to create and debug their own simple programs using a range of hardware and apps. The younger children will start by using Beebots and use directional language to help program them around a course. The older children will use Probots and scratch and work to create their own programs for a simple game.



Art

The whole school theme for art this term is **COLOUR**. Children will learn about how to create and apply colour in a number of mediums like oil pastel, chalk pastel and various types of paint. This term, children will also learn about the life and work of a well known, recognized artist.



Science



Magnets

Pupils will explore magnetism and non-contact forces, suspending magnetic items in mid-air under the influence of magnetic forces. They will test materials for magnetic properties and think about what materials are magnetic. Pupils will describe the properties of a magnet in simple terms and learn about the uses of magnets. They will investigate the strength of multiple magnets and whether they can change the strength of the force.

Rocks

Pupils will explore the characteristics of rocks and learn their names. They will carry out simple tests on different rocks and use chocolate to model how rocks are made. They will explore the composition of soil and think about how soil is made. Pupils will learn about the formation of fossils and make their own model fossils. They will look at pictures of dinosaur fossils and try to come to some conclusions about the living dinosaurs the fossils came from.

English



Different Poetry Forms

This poetry unit introduces pupils to a range of different poetry forms, both modern and traditional. The particular forms have been selected to provide pupils with opportunities to explore the focus grammar elements for this year group in meaningful and enjoyable contexts. Pupils are introduced to the benefit of using a thesaurus to broaden and enrich their vocabulary. Following reading, teacher modeling and demonstrating, pupils have opportunities to write their own compositions for reading, recital and performance. By the end of the unit pupils will be able to easily recognise and name different poetry forms.

Multi Genre (Writing For Real - Fur and Feathers)

The unit introduces pupils to some 'mantle of the expert' ways of working where they are set a challenge that requires a collaborative problem solving approach. Every few days a new challenge is set that allows pupils to respond in different ways, to exercise choice and to read, write and communicate in purposeful ways. The pupils work towards a solution for the 'client' who sets the challenge. Throughout the unit, pupils work as researchers, presenters and publishers.

Maths



Number: Number and place value

- count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
- recognise the place value of each digit in a three-digit number (hundreds, tens, ones)
- compare and order numbers up to 1000
- identify, represent and estimate numbers using different representations
- read and write numbers up to 1000 in numerals and in words
- solve number problems and practical problems involving these ideas.

Number: Addition and subtraction

- add and subtract numbers mentally, including: a three-digit number and ones ;a three-digit number and tens; a three-digit number and hundreds
- add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
- estimate the answer to a calculation and use inverse operations to check answers
- solve problems, including missing number problems.

Measurement

- measure, compare, add and subtract: lengths (m/cm/mm);
- measure, compare, add and subtract: mass (kg/g)
- measure, compare, add and subtract: volume/capacity (l/ml)

Number: Number and place value

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solve number problems and practical problems involving these ideas.

Number: Addition and subtraction

three-digit number -digit -digit number and hundreds

add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction

estimate the answer to a calculation and use inverse operations to check answers

solve problems, including missing number problems,

Number: Multiplication and Division

- recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
- write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods
- solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.

Maths (continued)



Geometry: Properties of shape

- draw 2-D shapes
- make 3-D shapes using modelling materials;
- recognise 3-D shapes in different orientations and describe them
- recognise angles as a property of shape or a description of a turn
- identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle
- identify horizontal and vertical lines and pairs of perpendicular and parallel lines.

Statistics

- interpret and present data using bar charts, pictograms and tables
- solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.

Number: Fractions

- recognise, find and write fractions of a discrete set of objects: unit fractions with small denominators
- recognise, find and write fractions of a discrete set of objects: non-unit fractions with small denominators
- recognise and use fractions as numbers: unit fractions with small denominators
- recognise and use fractions as numbers: non-unit fractions with small denominators
- recognise and show, using diagrams, equivalent fractions with small denominators

Measurement

- measure, compare, add and subtract: lengths (m/cm/mm);
- tell and write the time from an analogue clock
- tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks
- estimate and read time with increasing accuracy to the nearest minute;
- record and compare time in terms of seconds, minutes and hours;
- use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight
- know the number of seconds in a minute and the number of days in each month, year and leap year
- compare durations of events [for example to calculate the time taken by particular events or tasks].

