

Year 4
Class Termly Web
Core Subjects

St. Francis Xavier's RC Primary School

Autumn Term

MATHEMATICS

Place Value

Represent and partition numbers to 1,000

Number line to 1,000 and 10,000

Numbers beyond 1000

Represent and partition numbers to 10,000

Flexible partitioning of numbers to 10,000

Find 1, 10, 100, 1,000 more or less

Estimate on a number line to 10,000

Compare and order numbers to 10,000

Read and write Roman numerals

Round to the nearest 10, 100 and 1000

Addition and Subtraction

Add and subtract 1s, 10s, 100s and 1,000s

Add up to two 4-digit numbers with and without exchanges

Subtract two 4-digit numbers with and without exchanges

Efficient subtraction

Estimate answers

Checking strategies

Area and perimeter

What is area?

Find area by counting squares

Make shapes with a given area

Compare areas of different shapes

Multiplication and Division

Multiples of 3

Multiply and divide by 6

6 times-table and division facts

Multiply and divide by 9

9 times-table and division facts

The 3, 6 and 9 times-tables

Multiply and divide by 7

7 times-table and division facts

11 times-table and division facts

12 times-table and division facts

Multiply by 1 and 0

Divide a number by 1 and itself

Multiply 3 numbers

RELIGIOUS EDUCATION

Creation and covenant

Creation

Encounter the belief that human beings are made "in the image of God" (Gen 1:27)

Make links between the creation story, the belief that all human beings are created equal and an expression of the principle of Catholic Social Teaching about human dignity.

Describe stewardship by making simple links between Genesis 1:26-31 and people's actions today.

Recognise that in Laudato Si', Pope Francis teaches that human beings are called to have a loving relationship with God, with each other and with the world.

Covenant

Give an overview of the story of Exodus, focusing on the Passover and describe moments in Moses' leadership.

Describe the role of Miriam and Jochebed in saving Moses.

SCIENCE

Teeth and Digestion

- Identify the different types of teeth in humans and their function.
- Investigate decay and care of our teeth.
- Describe the simple functions of the digestive system in humans.
- Work scientifically.

States of Matter

- 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.

ENGLISH

Key Texts

Beowulf by Michael Morpurgo

Float by Daniel Miyares

The Great Chocoplot by Chris Callaghan

The Lion, the Witch and the Wardrobe by C.S. Lewis

Vocabulary, Grammar and Punctuation –

Through our Write Stuff lessons, grammar, punctuation and vocabulary is taught including short and complex sentences – clauses and subordinated clauses.

Similes, metaphors, personification, adjectives, adverbs, onomatopoeia and pathetic fallacy.

Fronted adverbials

Dialogue – inverted commas, reported clauses.

Headings, subheadings – Non-fiction.

Paragraphs – to group related material (fiction and non-fiction)

Apostrophe's to mark singular and plural possession

Handwriting and Presentation –

Handwriting practice using the Pen Pals Scheme in order to join letters using diagonal and horizontal strokes

Increasing legibility, consistency and quality of handwriting.

Reading – Daily independent reading and class reading.

Love of Reading sessions fortnightly.

Word Reading and Comprehension –Book Talk using Bloom's questioning to deepen understanding of the text. Rapid Reading Scheme.

Demonstration and independent comprehension sessions take place once a week.

Philosophy for Children - Developing thinking skills, learning to justifying ideas through philosophical discussion, looking at dilemmas, developing speaking and listening skills.