

English



Year 5

Term: Autumn 2 —2024



“Our community, growing
and learning together with Christ”

Maths

Everest by Sangma Francis & Lisk Feng

Non-Fiction Unit: Non-Chronological Report

Mount Everest is undoubtedly one of the most famous mountains on Earth. Hundreds of people clamber to its summit every year, following in Edmund Hillary and Tenzing Norgay's footsteps... but there is so much more to this mountain than the people who climb it. Enhancing their Geography learning about Mountains, this unit will help the children create their own fact filled report.



The Snowman by Raymond Briggs

Fiction Unit: Narrative

One winter's night, a snowman comes to life and an unforgettable adventure begins. Raymond Briggs' classic is a true piece of Christmas magic - narrated entirely through pictures, it captures the wonder and innocence of childhood and is recognised throughout the world. This classic story will guide the children's own narratives.

Skills: Consistent use of coordinating conjunctions, some subordinating conjunctions, with clear use of capital letters, full stops and question/exclamation marks, singular possession and a range of punctuation with confident use of pronouns.

Spelling Focus: Words with silent letters, modal verbs, words ending in -ment, adverbs of possibility and frequency.

4 Operations:

Solve addition and subtraction multi-step problems in contexts.
Money problems

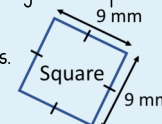
$$\frac{2}{5} \times 7 = \frac{14}{35}$$

Fractions:

Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1 \frac{1}{5}$
Read and write decimal numbers as fractions for example, $0.71 = \frac{71}{100}$
Multiply proper fractions and mixed numbers by whole numbers.

Area, Perimeter and Volume:

Convert between different units of metric measure (e.g. km to m; cm to m; cm to mm; g to kg; l to ml).
Calculate and compare the area of rectangles (including squares) and estimate the area of irregular shapes.
Estimate and calculate volume.
Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres.



$$9 \times 9 = 81 \text{ mm}^2$$

$$9^2 = 81 \text{ mm}^2$$

Fractions, Decimals and Percentages:

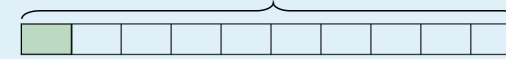
Read, write, order and compare numbers with up to three decimal places.
Round decimals with two decimal places to the nearest whole number and to one decimal place.
Recognise the per cent symbol (%) and write % as a fraction with denominator 100, and as a decimal.

4 Operations:

Add and subtract whole numbers with more than 4 digits, including using column.
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.
4OPs problems, involving multistep.



100 crayons



10% broken

$$100 \div 10 = 10$$

Art

Sculpture: Learning about installation art, including identifying and comparing art installations, exploring space and scale in 3D art and problem-solving in construction.



Year 5

Term: Autumn 2—2024



Computing

Search Engines:

Understanding how search engines work and developing searching skills to find relevant and accurate information online.

D.T.

Electrical Systems:

Investigating an existing motorised product and problem-solving to understand its construction before developing their own.

Geography

Consolidation of Previous Learning:

Applying and revising skills learnt in our Mountain unit previously taught.

History

Monarch and Power:

Knowing the life and history of Elizabeth I, Charles II, the Georgian monarchy, Queen Victoria and Elizabeth II. Knowing that Government and Monarchy work together.

MFL & Music

French:

Body Parts. At the doctors.

Music:

Ukulele lessons leading towards group performances.

P.E.

Invasion: Football

Tackling, defending and defensive tactics.

Health Related Exercise:

General fitness and cardiovascular.

P.S.H.E.

Me, My Body, My Health: learn that celebrating differences between people is enriching to a community and know that their self-confidence should arise from being loved by God. Learn about the physical changes that boys and girls go through during puberty and how they should respect and take care of their bodies as gifts from God. Genitals are also mentioned here, but not named and identified.

Religion

Miracles and the Sacrament of the sick: Learning about some of the miracles of Jesus and the work of the church.

Advent: Learning how the testaments link in terms of preparing for Christ.

Science

Forces:

Naming individual forces (e.g. gravity, friction, upthrust). They will extend their knowledge of frictional forces (air resistance and water resistance) and plan fair test investigations.