

Mathematics

Multiplicative reasoning: identify multiples and factors; prime numbers, prime factors and composite; multiplication and division including scaling by simple fractions; multiply and divide numbers mentally and using the formal written method; recognise and use square numbers and cube; percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{5}$ and those with a denominator of a multiple of 10 or 25.

Geometric reasoning: properties of 2D and 3D shapes; identify 3D shapes from 2D representations; know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles; draw given angles, and measure them in degrees ($^{\circ}$); Identify angles at 90° , 180° and 270° ; use the properties of rectangles to deduce related facts and find missing lengths and angles.

Number sense: learn numbers to at least 1 000 000 and determine the value of each digit; count forwards or backwards (and with negative numbers through 0) up to 1 000 000; interpret negative numbers in context; round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000; compare and order fractions whose denominators are all multiples of the same number; recognise mixed numbers and improper fractions and convert from one form to the other; read and write decimal numbers as fractions; recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents; round decimals; read, write, order and compare numbers with up to three decimal places; convert between different units of measure

Additive Reasoning: add and subtract whole numbers with more than 4 digits, including using formal written methods and mental strategies; use rounding to check answers to calculations; add and subtract fractions with the same denominator and denominators that are multiples of the same number; complete, read and interpret information in tables, including timetables

Solve problems to involve all of the above including conversions within measurement.

SEAL

Relationships: getting to know you as an individual – learning something new about yourself. Thinking about what makes you embarrassed and managing your feelings.

Sex and Relationships Education.

Literacy

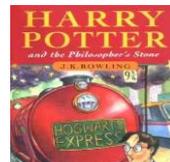
Reading stories from significant children's authors focusing on JK Rowling and writing own narrative with a mix text type.

Exploring newspaper reports and continuing with Harry Potter as a stimulus.

An introduction to older literature focussing on the story of Stig of the Dump.

Narrative poetry looking at The Listeners Walter De La Mare.

JK Rowling Harry Potter



Science

Earth and Space

Forces

Music

Explore known songs and write music to a composed piece of music using a graphic score to help.

DT/Art

DT and art based on new topic of rainforests.

Art week across the school.

PE

Develop skills in tennis and rounders to enable competitive games to take place.

Discuss sportsmanship and working as a team.

Dance and gymnastics in the hall.

Religious Education

Hinduism and Christianity.

We will look at beliefs in karma, samsara and moksha and how to lead a good life.

How does a Christian show commitment to God? Exploring how participating in worships helps people to feel closer to God.

I.C.T

Focussing on:

Online safety.

Coding – use algorithms in scratch.

3D modelling using Sketch Up.

Using Excel to create spreadsheets.

How the internet works.

French

Extending vocabulary through songs rhymes and games.

Geography

Exploring human and physical features and learning about rainforests and deforestation that can occur.