

Topic web to show Year 2 Autumn Term activities

Maths

Place Value

count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
recognise the place value of each digit in a two-digit number (tens, ones)

identify, represent and estimate numbers using different representations, including the number line
compare and order numbers from 0 up to 100; use and = signs
read and write numbers to at least 100 in numerals and in words
use place value and number facts to solve problems.

Addition and Subtraction

solve problems with addition and subtraction:
-using concrete objects and pictorial representations, including those involving numbers, quantities and measures

- applying their increasing knowledge of mental and written methods

recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
add and subtract numbers using concrete objects, pictorial representations, and mentally, including:

- a two-digit number and ones
- a two-digit number and tens
- two two-digit numbers
- adding three one-digit numbers

show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

Shape

identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line

identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces
identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]

compare and sort common 2-D and 3-D shapes and everyday objects

Computing

IT in the world around us
Digital photography

E-Safety

Self-image and identity
Online relationships

Design Technology

Vehicles

Designing and making a model
Fire Engine with a chassis, axles and wheels

English

Fiction – Stories with a familiar setting.
Developing characters.

Non-fiction – Recounts with a focus on diary writing.
Persuasion with a focus on letter writing.

Poetry – Themed poetry, traditional rhymes.

Daily Phonic sessions. Practise reading sessions 3 times a week.

Handwriting sessions.

Writing Checklist work and SPaG questions.

Light and Fire



PE

Fundamental Movement Skills

Tennis

Dance

Music

Great Fire of London

Christmas production

PSHE

Me and my Relationships

Valuing Differences

History

The Great Fire of London and Samuel Pepys

The Gunpowder Plot and Guy Fawkes

Remembrance Day

Geography

Food and Farming

Where does our food come from?
Visit from a local Farmer and food sampling from Tesco

Art

Colour

Primary & secondary colours
Piet Mondrian and Henri Matisse

RE

Why is light an important symbol in different religions? Christianity, Judaism and Hinduism

Incarnation – Why does Christmas matter to Christians?

Science

Light and shadows

Electricity