

Year 6 Autumn Overview

English

> RWI Spelling

> *Rose Blance* By: Roberto Innocent

Diary writing

Bravery Award Speech

> *A Story Like the Wind* By: Gill Lewis

Flashback narrative

Newspaper report

Within each of the units, we will learn about a range of sentence styles including those with varied punctuation.

Maths

> Place Value

Numbers to up 10,000,000 including reading and writing numbers

Power of 10

Number lines to 10,000,000

Round, compare and order any integer

Negative numbers

> Addition, Subtraction, Multiplication & Division

Addition and subtraction

Multiplication of a 4 digit by a 2 digit number

Short division

Square and cube numbers

Division using factors

Multi-step problems

Order of operations

Mental calculations

> Fractions

Equivalent fractions

Compare and order fractions

Add and subtract simple fractions

Add and subtract any two fractions

Maths Continued

Add and subtract mixed numbers

Multistep problems related to fractions

Multiply and divide fractions by a fraction and an integer

Fractions of an amount

> Converting Units

Metric measures including converting

Calculate metric measures

Miles and kilometres

Imperial measures

Science

> Electricity

Describe the parts of an electric circuit

Explore voltage and its effects

Apply knowledge to correctly identify and correct problems in a circuit

Investigate what affects the output of a circuit

Build a set of traffic lights

Conductor and insulators

> Light

Explore how light travels

Explore reflection and how it can help us see

Investigate how shadows can change

Investigate how we can show why shadows have the same shape as the object that casts them

Investigate how we see objects

Art

> Banksy

Interpret art work and what it represents.

Use stencils to create an effect.

Use equipment with precision.

Use different media.

RE

> Kingdom of God

What influences and inspires local Christians to use their talents/gifts

Make links to Bible texts that may inspire them.

Suggest a number of meanings for parables about the Kingdom of God.

Compare & contrast the good news of the kingdom

>Incarnation

Describe why Christians say Jesus is the 'Son of God'; the 'Christ' and both 'God and man'.

Identify ways in which Christians believe the Old Testament prophecies speak about Jesus.

Suggest lines of enquiry and plan investigations into religious/non-religious viewpoints.

Computing

> Coding

Coding Efficiently

Friction and Functions

Introducing Strings

User Input

> Online Safety

Message on a game

Online behaviour

Screen time

>Spread sheets

Exploring Probability

Creating a Computational Model

Planning a School Event

History

> Were the Vikings raiders, traders or settlers?

When and why the Vikings came to Britain

Evaluate the validity of a source

Explore the features of Viking long boats

Examine why trading was important to the Vikings

Extract and interpret information from many sources

Extract and interpret information from many sources

The children will enjoy a Viking themed day during the term.

PE

> Indoor athletics

Hurdle

Long jump

Shot put

> Invasion games

Football

Netball

Ultimate frisbee

> Swimming

Geography

> Why does population change?

The change and distribution of the global population

Birth and death rates and describe why they change

The push and pull factors influencing migration

The impact climate change can have on the global population

Collect data showing how population impacts the amount of traffic and litter in an area

A report on the fieldwork process, analyse findings and make suggestions to improve a situation

PSHRE

> VIPs

The importance of respecting my VIPs

Different ways to calm down when I am feeling angry or upset

Different opinions that should be respected

Negative influences on my behaviour and suggest ways that I can resist these

Influences

When it is right to keep a secret, when it is not and who to talk to about this

> Safety first

Taking responsibility for my own safety

How to assess and manage risks in different situations

How to identify and manage pressure to get involved in risky situations.

Act sensibly and responsibly in an emergency

Identify hazards and reduce risks to keep myself and others safe at home.

How to stay safe in different outdoor environments

Music

- > Compose a syncopated melody using the notes of the C major scale
- > Sing a syncopated melody accurately and in tune.
- > Sing and play a class arrangement of the song with a good sense of ensemble.
- > Listen to historical recordings of big band swing and describe features of the music using music vocabulary.
- > Explore the influences on an artist by comparing pieces of music from different genres.
- > Identify features of timbre, instrumentation, and expression in an extract of recorded music.
- > Use musical knowledge and vocabulary to discuss similarities and differences in pieces of music
- > Create a shadow movement piece in response to music.
- > Create their own song lyrics.
- > Fit their lyrics to a pulse, creating a chant.
- > Write a melody and sing it.
- > Structure their ideas into a complete song.

MFL (French)

- > Revisiting me
- > Telling the time
- > Everyday life
- > Homes and houses

Design Technology

- > Viking Brooch

Use detail when creating a design

Use a range of equipment to create detail

Use joining techniques

Work clay