



Year 2 Spring 2

Knowledge Organiser



History

In history, this half term, we are learning all about the history of flight. We will be comparing the achievements of The Wright Brothers and Amelia Earhart.

Key Knowledge

Orville and Wilbur Wright invented the first powered plane.

The brothers studied how birds flew to create their wing designs.

Orville made the first flight on 14th December 1903.

In 1932 Amelia Earhart became the first female to fly solo across the Atlantic Ocean.

In 1937 Amelia Earhart embarked on her second attempt to be the first pilot to fly around the world.

Key Vocabulary

Designs

Powered

Developed

Invented

Science

This half term, our topic is all about plants. We will be discussing how seeds and bulbs mature into adult plants and we will find out what a plant needs to stay healthy.

Key Knowledge

Plants may grow from either seeds or bulbs.

These then germinate and grow into seedlings which then continue to grow into mature plants.

These mature plants may have flowers which then develop into seeds, berries, fruits etc.

Seeds and bulbs need to be planted outside at particular times of year and they will germinate and grow at different rates.

Key Vocabulary

Leaf

Flower

Blossom

Petal

Fruit

Berry

Root

Seed

Trunk

Branch

Stem

Bark

Stalk

Bud

Art

This half term in art, we are going to be developing and sharing ideas and using colour, pattern, texture, line, shape, form and space in art inspired by Henry Fraser.

Key Knowledge

Primary colours (red, blue and yellow) can be mixed to make secondary colours.

Secondary colours are orange, green and purple.

Adding black and white can alter tints and shades.

Many different tools can be used to mix paint.

Henry Fraser is a mouth artist who paints using his mouth. He is also a motivational speaker and author

Key Vocabulary

Painting

Primary and
secondary col-
ours

Tint

Computing

In computing we will be looking at creating spreadsheets on Purple Mash.

Key Knowledge

A spreadsheet is an electronic way to store and organise data.

Data is a collection of information.

Cell - An individual section of a spreadsheet grid. It contains data or calcu-

Key Vocabulary

cell

table

data

copy

fact

PSHE

This half term, we will be talking about and sharing our opinions on things that matter to us and we will also be thinking about what we can do if we feel unhappy in a friendship.

Key Knowledge

We all have opinions and we must respect everyone's even if we do not agree.

You can talk to a trusted adult if a friendship makes you feel unhappy.

Key Vocabulary

Opinion

Friendship

Trusted adult

RE

This half term, we are going to be looking at the Easter stories in The Bible linked to Christianity.

Key Knowledge

Easter is celebrated in Christianity because it is when Jesus was crucified and then resurrected.

Before he was crucified, Jesus had the Last Supper with his disciples.

Key Vocabulary

Crucifixion

Resurrection

Last Supper

Other relevant information for this half term

English—This half term, we are reading and retelling 'Light Fingered Larry'. After that, we will be focusing out English on our history topic—The history of flight. The book we will be basing this on is 'Taking Flight'.

Spelling— It is vital that children learn the year 2 common exception words and know the spelling rules associated with these words to apply to new and unfamiliar spellings. We will study these spellings at school and those with similar spelling rules and letter patterns in both spelling and handwriting lessons.

Reading— We cannot stress enough that children need to read and have their reading diaries signed 5 times a week. Children who don't read at home may need to stay in at breaktime to read with an adult.

Maths— We will be finishing our lessons on multiplication and division. We have been learning how to multiply and divide by 2, 5 and 10. You could practice these on Times Tables Rock Stars! We will also be looking at length and measurement.

PE—PE this half term will be in a Tuesday, but the children must have their full PE kits available in school every day.

Music—In music, we will be creating soundscapes based on the topic of 'space'.