



Year 2 Autumn 2

Knowledge Organiser



Science

In science we will be finding out more about animals including humans. We will explore the importance of exercise, a healthy diet and good hygiene.

Key Knowledge

- To know what exercise is.
- To know that exercise is beneficial to our physical and mental health.
- To understand that humans need the right amounts of different food groups.
- To name foods that belong to the following groups; carbohydrates, fruit and vegetables, dairy, protein and fats.
- To know what good hygiene is for humans.

Key Vocabulary

- Humans
- Exercise
- Physical and mental health
- Healthy
- Fruits
- Vegetables
- Dairy
- Carbohydrates
- Protein
- Hygiene
- Germs

History

We will find out more about The Gunpowder Plot. We will also find out about Remembrance Day. Later in the half term, we will explore the history of flight.

Key Knowledge

- To know that the Gunpowder Plot took place on the 5th November (1605).
- To know the events of The Gunpowder Plot.
- To know the significance of a poppy.
- To know when Remembrance Day is celebrated and why.
- To know that the Wright brothers designed and built the first powered plane.
- To know that the first flight took place in 1903.
- To know how flight has changed in the last hundred years.

Key Vocabulary

- Gunpowder
- Plot
- Parliament
- Guy Fawkes
- Bonfire night
- Remembrance
- Poppy
- Cenotaph
- Flight
- Aeroplane
- Wright brothers

DT and Art

We will develop our drawing skills and using texture and tone. We will be using our design technology skills to create a Christmas decoration using stitching.

Key Knowledge

- To know that fabric can be joined using a running stitch.
- To know that designs can be revised and evaluated.
- To know what texture and tone are in drawing.
- To know there are different types of pencils and they can be used to create tone.

Key Vocabulary

- Textiles
- Sew / stitch
- Needle and thread
- Design, make and evaluate
- Technique
- Texture
- Tone

Computing

This term we will begin our coding unit. We will be learning how to make things happen on screen using controls and commands.

Key Knowledge

- To know that an algorithm is a set of instructions.
- To know that written instructions on a computer are called code.
- To know that 'debugging' is correcting a mistake in code.

Key Vocabulary

- Coding
- Algorithm
- Instructions
- Debug
- Program

RE

Throughout this term we will be finding out more about Christianity and how Christians celebrate Christmas.

Key knowledge

- To know that Christmas is a Christian celebration of the birth of Jesus.
- To know the main events of The Christmas Story.
- To know that Christians celebrate Christmas through gift giving, visiting church, carol services and advent.
- To know that Christians believe that Jesus is the Son of God.
- To know Christians believe that God made man.
- To know that the Bible is a Christian's holy book.

Key Vocabulary

- Christianity
- Christians
- Bible
- God
- Jesus
- Christmas
- Nativity

Other relevant information this term

- **PE** — PE lessons take place every Thursday so please ensure that your child's kit is in school and labelled
- **English**— This term our topic is 'Into The Wild'. We will be reading 'Where The Wild Things Are', 'Little Evie' 'Into the Forest' and other exciting titles!
- **Maths**— This term we will develop our addition and subtraction skills as well as finding out about money, multiplication and division. All children should be able to count in 2s, 5s and 10s.
- **PSHCE**— This term we will be finding out about Amelia Earhart. We will also create work based upon our No Outsiders book, 'What The Jackdaw Saw' by Julia Donaldson.
- **Music**—This term we will be improving our expression and control when singing songs.
- **Spelling**— All children must be able to read and spell all of the year 1 and 2 words. You will find these inside your child's reading diary.
- **Homework** - Don't forget homework is due in on a Wednesday and given out again on a Friday after our weekly spelling test.