



Year 2 Spring 1

Knowledge Organiser



Science

In science we will be finding out about animals and living things, life cycles and the basic needs of humans and other animals.

Key Knowledge

- To know that some animals give birth to live young.
- To know that some animals lay eggs, which the young hatch from.
- To know that young then develop into adults.
- To know the different stages of animal growth.
- To know that the basic needs of animals, including humans, include water, food and air.
- To know the importance of exercise and healthy living.

Key Vocabulary

- Adult
- Develop
- Life-cycle
- Offspring
- Young
- Live young
- Survival
- Basic needs

Geography

This term we're learning all about the United Kingdom, its countries, cities and the water that surrounds our island.

Key Knowledge

- To know that England, Northern Ireland, Wales and Scotland make up the UK
- To know that the capital city of England is London.
- To know that the capital city of Scotland is Edinburgh.
- To know that the capital city of Wales is Cardiff.
- To know that the capital city of Northern Ireland is Belfast.
- To name the seas that surround the United Kingdom (North Sea, Irish Sea, English Channel, Atlantic Ocean).

Key Vocabulary

- United Kingdom
- England
- Wales
- Scotland
- Northern Ireland
- City
- Capital city

DT and Art

We will develop our painting skills by using the work of Katsushika Hokusai as our Inspiration.

Key Knowledge

- To know that Katsushika Hokusai is a Japanese artist.
- To know that Katsushika uses the medium of paint to create his artwork.
- To know that primary colours are used to make secondary colours.
- To know what tones and tints are.

Key Vocabulary

- Artist
- Medium
- Primary colours
- Secondary colours
- Tones
- Tints

Computing

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

Key Vocabulary

- Coding
- Algorithm
- Instructions
- Debug
- Program
- repeat

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.

RE

Throughout this term we will be discovering more about Christianity and Jesus.

Key Vocabulary

- Christianity
- Christians
- Bible

Key knowledge

- 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.
- To know that there are stories in the Bible about Jesus and his life.

Other relevant information this term

- **PE —** PE lessons take place every Wednesday, Thursday (Class 5) and Friday (Class 4) so please ensure that your child's school PE kit is in school and labelled.
- **English—** This term our topic is 'Island Adventures'. We will be reading 'Harry and the Jaggedy Daggers', 'Light Fingered Larry', 'The Storm Whale' and other exciting titles!
- **Maths—** This term we will develop our multiplication and division skills, learning all about statistics by looking at tally charts, pictograms and bar charts.
- **PSHCE—** This term we will be finding out about Ellie Simmonds. We will also create work based upon our No Outsiders book, 'How to be a Lion' by Ed Vere.
- **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.