



Year 1 Summer 1

Knowledge Organiser



Science

In science, we will be learning about plants. We will learn how to identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. We will also identify and describe the basic structure of a variety of common flowering plants, including trees.

Key Knowledge

Growing locally, there will be a vast array of plants which all have specific names. These can be identified by looking at the key characteristics of the plant.

Plants have common parts, but they vary between the different types of plants.

Key Vocabulary

Leaf, flower, blossom, petal, fruit, berry, root, seed, trunk, branch, stem, bark, stalk, bud, evergreen, deciduous
Names of trees in the local area

Design & Technology

In D&T the children will be designing and making a moving storybook. We will explore slider mechanisms and the movement they output, to design, make and evaluate a moving storybook from a range of templates.

Key Knowledge

To know that a mechanism is the parts of an object that move together.

To know that a slider mechanism moves an object from side to side.

To know that a slider mechanism has a slider, slots, guides and an object.

Key Vocabulary

- sliders
- mechanism
- adapt
- design criteria
- design
- input
- model
- template
- assemble
- test

History

In history we will be learning about Neil Armstrong and the first moon landing. We will also be discussing how Neil Armstrong changed history and is a significant individual.

Key Knowledge

Neil Armstrong was the first human to walk on the moon in 1969. When Neil stepped foot on the moon for the first time, he said the now famous line, "That's one small step for man, one giant leap for mankind."

The astronauts were able to collect rocks and dust from the moon which have helped scientists to learn more about the moon.

Key Vocabulary

- Moon
- Space
- Astronaut

Music

In music, the children will use their voices expressively and creatively by singing songs and speaking chants and rhymes. We will also be using instruments to create, select and combine sounds to make their own pieces of music.

Key Knowledge

To know that dynamics can change how someone listening feels about music.

To know that your voice can be used as a musical instrument.

To know that body percussion means making sounds with your body not your voice, e.g. clapping or slapping knees.

Key Vocabulary

- Body percussion
- Dynamics
- Graphic score
- Instruments
- Pitch
- Seaside
- Sounds
- Tempo

Art

In art we will be learning about the work of a range of artists, craft makers and designers, describing the differences and similarities between practices and disciplines, and making links to our own work. The main artist we will be focused on is Jackson Pollock and we will recreate pieces of his work using a range of media.

Key Knowledge

Jackson Pollock was an American abstract- expressionist artist who is remembered for his 'drip' technique.

A canvas is a strong unbleached cloth.

Key Vocabulary

- Painting
- Jackson Pollock
- Abstract
- Drip technique
- Pouring
- Splashing

Computing

In computing we will use technology purposefully to create, organise, store, manipulate and retrieve digital content. We will be creating our own moving e-book.

Key Knowledge

Animation – an object that moves on the screen.

E-book—a book that can be read on the computer/tablet.

Background – an image inserted behind, text, objects or buttons.

Key Vocabulary

- Animation
- Font
- Text
- e-book

RE

In R.E the children will be focusing on the question “what is God like for some people?’ The children will be taught to talk thoughtfully and with respect to ask and respond to a range of spiritual questions.

Key knowledge

Religious and non-religious world views have different opinions about what happens in our lives and why.

Key Vocabulary

- Religious
- Non-religious

Other relevant information this term

- **PE** - P.E will take place on a Monday with Mr Lakin. We will be taking part in athletics. Please ensure your child's P.E kit is in school and is accessible when needed.
- **English** - We will be reading the story 'On the Moon' and 'The Way Back Home' linking cross curricular to our history topic of Space.
- **Maths** - In maths we will be following The Power Maths curriculum focusing on multiplication and division, fractions, money and time.
- **PSHE** - The children will be taught to understand the different forms that money comes in and where we get it from and to know that money needs to be looked after and ways to do this.
- **Spelling** - We will be following Little Wandle's program of spelling.
- **Homework** - Please ensure that children read 5 times per week and complete their weekly phonics homework. Please also encourage them to complete activities from the homework activity grid also.