

## RSHE – Relationships and health education

### Boys and girls, families

to understand and respect the differences and similarities between people  
about the biological differences between male and female animals and their role in the life cycle  
the biological differences between male and female children  
about growing from young to old and that they are growing and changing  
that everybody needs to be cared for and ways in which they care for others  
about different types of family and how their home-life is special

**RSE: 2. Physical – To describe ways of being safe in communities.**

## ART: Earth Art

### Includes the lessons:

To create a print using pressing, rolling, rubbing and stamping.

To be able to make sculptures with sticks and twigs.

To explore Rangoli patterns and make animal pictures with leaves and flowers.

To learn how to weave with natural materials and make a loom frame with natural materials.

### Class Read:

**Title:** The Wind in the Willows (Kenneth Grahame)

**Curriculum links:** PSHCE, History

**Writing opportunities:** Narrative writing, Letters



St. Cecilia's Catholic Primary School

Topic Map: Year 2 , Spring Term 1



## History:

**Enquiry Question:** How did Katherine Johnson and Neil Armstrong change our understanding of space exploration?

### The children will:

Know who Neil Armstrong and Katherine Johnson were, and why are they remembered today.

Establish what we know about space in the 1960s, and what have we learned since.

Understand how astronauts prepare for space, and what challenges they face.

Know what can go wrong in space, and how did Katherine Johnson helped save Apollo 13.

Know why Katherine Johnson was forgotten by many people, and how can we remember her contributions.

Know how Neil Armstrong and Katherine Johnson have changed our understanding of space.

### Crucial Knowledge children must remember:

- Neil Armstrong was the first person to walk on the Moon in 1969, an event that marked a major milestone in human space exploration.
- Katherine Johnson was a brilliant mathematician whose calculations were critical to the success of NASA's space missions, including Apollo 11 and Apollo 13.
- The space race in the 1960s led to rapid advancements in space technology and exploration.
- Astronauts undergo extensive training, and their safety relies on both their skills and the scientists and mathematicians who support them from Earth.

## Physical Education:

### Athletics

Develop the sprinting action.  
Develop jumping for distance.  
Develop jumping for height.  
Develop throwing for distance.  
Develop throwing for accuracy.  
Select and apply knowledge and technique in an athletics carousel.

### Yoga

Copy and repeat yoga poses.  
Develop an awareness of strength when completing yoga poses.  
Copy and remember actions linking them into a flow.  
Create a flow, perform and teach it to a partner.

## Religious Education:

Galilee to Jerusalem

By the end of this unit of study, pupils will know that the Church teaches:

- John the Baptist is a prophet who calls people back to God by encouraging them to say sorry. Baptism is a sign of forgiveness.
- That when people make bad choices (sin), they turn away from God. Jesus teaches that God loves and forgives and that being sorry helps us to change and become better people.
- Jesus' miracles are signs that show he is the promised one (Messiah).
- Jesus' parables are simple comparisons that invite people to know more about God.
- Jesus brings healing in different ways.

## Computing In Spring term you will learn:

**Computer Science:** Sequencing, ALEX app, Box Island app & Code Studio to Debug

**Digital literacy & Online safety:** Jessie & Friends How Technology Makes You Feel IT &

**Digital Literacy:** Data handling Computers and Networks. Digital Technology Around Us

## Mathematics:

### Unit 6: Multiplication & Division

Recognise equal groups

Make equal groups

Add equal groups

The x sign

Multiplication sentences

Use arrays

Make equal groups – grouping

Make equal groups - sharing

### Unit 7 Multiplication & Division (2)

2 times tables

Divide by 2

Double and halve

Odd and even numbers

10 times tables

Divide by 10

5 times table

Divide by 5

Bar modelling – grouping

Bar modelling - sharing

## English Writing:

### Vehicle Text: The Bog Baby

Finding Narrative

Purpose: To narrate

Instructions: How to build a habitat

Purpose: To instruct

#### Grammar (Word) :

Build on previous units & focus on:

Formation of adjectives using suffixes

e.g. –ful, –less

Use of the suffix –ly to turn adjectives into adverbs

#### Grammar (sentence)

Build on previous units & focus on: Subordination (using when, if, that, because) Co-ordination (or, and, but) Expanded noun phrases for description and specification How the grammatical patterns in a sentence indicates its function as a question and command

#### Grammar (text)

Build on previous units & focus on: Correct choice and consistent use of past and present tense throughout writing

#### Punctuation:

Build on previous units & focus on: Use of capital letters, full stops and question marks to demarcate sentences Commas to separate items in a list Apostrophes to mark where letters are missing in spelling (contractions)

#### Comprehension. Steps to Read

## Science: Living Things and Their Habitats Around the World

- Learn about habitats
- Appreciate that environments are constantly changing
- Explore the rainforest and its problems
- Describe life in the ocean
- Discover the Arctic and Antarctic habitat
- Create a model of a habitat.

## Music

### Inventing a Musical Story

Music is used for many reasons and can help us to tell a story and express our feelings. We can also use instruments with different sounds to help communicate a story. In this unit, children will explore the music and try to connect feelings with what they hear.