

RSHE Keeping safe and managing risk.,

Playing safe

Pupils learn:

- how to be safe in their computer gaming habits
- about keeping safe near roads, rail, water, building sites and around fireworks
- about what to do in an emergency and basic emergency first-aid procedures



St. Cecilia's Catholic Primary School

Topic Map: Year 4 , Spring Term 2



Geography:

Enquiry Question: How does water change our world?

The children will:

- Locate and label the main British rivers and add names of settlements at the mouth of rivers.
 - Locate mountainous and coastal areas in Europe and North & South America on a map or Atlas showing understanding of the significance of longitude and latitude.
 - Describe and compare similarities and differences of mountainous and coastal areas in Europe and North or South America.
 - Understand the effect of erosion near rivers and the coast and the hazards this causes.
 - Describe advantages and disadvantages of living near rivers and coasts.
 - Indicate tropical, temperate and polar climate zones on maps and describe the characteristics of these zones using appropriate vocabulary.
- Use geographical vocabulary to describe significant physical features on a river's course and talk about how they change.
- Describe the water cycle in sequence and name some of the processes associated with rivers and mountains.
- Describe the characteristics of a coastal town and describe the main land uses of coastal rural areas.

Crucial Knowledge children must remember:

- Locate UK rivers and compare to the location of Liverpool using compass points.
- Describe the source of a river, linking back to the water cycle.
- Describe river features and understand the processes involved in their formation.
- Describe 'pull factors' to living by rivers and coasts.
- Explain the effects of coastal erosion and flooding.

Physical Education:

Athletics

- To develop stamina and an understanding of speed and pace in relation to distance.
- To develop power and speed in the sprinting technique.
- To develop technique when jumping for distance.
- To develop power and technique when throwing for distance.
- To develop a pull throw for distance and accuracy.
- To develop officiating and performing skills

Golf

- .To explore hitting technique and aiming towards a target.
- To develop hitting accuracy.
- To explore technique for hitting over a short distance.
- To explore technique for hitting over a long distance.
- To apply skills and knowledge to compete in a tournament.

Art

Can we change places?

- To investigate how the environment affects how we feel about a place and how art improves a place.
- To collect visual information and to explore ideas for a site-specific sculpture.
- Design, create and make a sculpture using 'found' materials.

Design Technology

STEM Week: Soups

Understand and apply the principles of a healthy and varied diet.

Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed

Class Read:

Title: Mr Stink

Curriculum links: PSHCE

Writing opportunities: Newspaper report and alternative viewpoint.

Religious Education:

5) Eucharist- relating

'Giving and Receiving'

Big question- **What's more important –giving or receiving?** Living in communion

6) Lent/Easter-Giving

'Self-Discipline'

Big question – **Is self-discipline important in life?**

Celebrating growth to a new life.

Computing

Computer Science: Loops through

Code Studio Course C: Lesson 8- 10

Events through Code Studio Course C: Lessons 12 & 13

Digital literacy & Online safety:

Device-Free Moments

Digital Trails (1)

IT & Digital Literacy: Data and Information. Branching Databases. Computers and Networks. Computers and the Internet

Mathematics:

Unit 9 – Fractions (2)

Add and subtract two or more fractions

Add fractions and mixed numbers

Subtract from mixed numbers

Subtract from whole amounts

Problem solving – add and subtract fractions (1)

Problem solving – add and subtract fractions (2)

Fraction of an amount

Problem solving – fraction of an amount

End of unit check

Unit 10 – Decimals (1)

Tenths as fractions

Tenths as decimals

Tenths on a place value grid

Tenths on a number line (1)

Tenths on a number line (2)

Divide 1 digit by 10

Divide 2 digits by 10

Hundredths as fractions

Hundredths as decimals

Hundredths on a place value grid

Divide 1 or 2 digits by 100

Divide by 10 and 100

End of unit check

English

Vehicle Text: The Lost Happy Endings

Narrative: Twisted Narrative

Purpose: To narrate

Persuasion: Letter

Purpose: To persuade

Grammar: Word

Build on previous units & focus on:
Grammatical difference between plural and possessive -s Develop understanding of standard English forms for verb inflections (we were instead of we was)

Grammar: Sentence

Build on previous units & focus on: Noun phrases expanded by the addition of modifying adjectives, nouns and prepositions Fronted adverbials

Grammar: Text

Build on previous units & focus on: use adverbials and conjunctions for cohesion

Grammar: Punctuation

Build on previous units & focus on: Inverted commas and other punctuation to indicate direct speech Apostrophes for possession (plural nouns) Use commas after fronted adverbials

Science

STEM Week - British Science Week theme: Connections

Sound

1. Identify how sounds are made.
2. Explore how vibrations from sounds travel through a medium to the ear.
3. Explore sound insulation.
4. Explore volume.
5. Explore pitch.
6. Explore sounds from near and from far.