

RSHE –

Making safer choices

Pupils learn:

- about keeping safe online
- how to keep safe when communicating with other people online
- that violence within relationships is not acceptable
- about problems that can occur when someone goes missing from home.



St. Cecilia's Catholic Primary School

Topic Map: Year 5 , Spring Term 1



ART & DESIGN

Famous Fashions.

Objectives:

- To explore how design is used in the home. (Linked to prior knowledge Victorian Inventions.)
- To explore shoe designers and create a shoe sculpture of their own.
- To explore hat designs and create a hat of their own

Class Read:

Title: Journey to Jo'burg

Curriculum links: History, PSHCE

Writing opportunities: Letters, narrative writing, arguments.

Geography:

Enquiry Question: How does the relationship between biomes and climate zones affect biodiversity.

The children will:

- Locate major cities in South America .
- Describe physical and human characteristics of the rainforest.
- Locate equator, tropics and latitude and longitude.
- Understand how location of climate zones affects flora and fauna.
- Explain ways in which a biomes is valuable and under threat from human activity.
- Understand how food is grow in some countries because of its climate.

Crucial Knowledge children must remember:

- To locate U.K cities and regions on a map and relate how their physical characteristics affect the weather i.e. mountainous environments and coastal regions.
- Locate different countries in Europe, North and specifically South America when studying biomes and climate zones and how their climate and weather differs.
- Know where the major cities are in South America and know their physical and human characteristics .
- Locate places on a World map in relation to the Equator, Tropics and know about latitude and longitude.
- Know and describe a range of different biomes and how they can be under threat
- Know that the Amazon rainforest is the world's largest tropical rainforest, has a unique climate and how flora, fauna and animals are adapted to that environment.
- Know how produce (such as avocado) arrives in the U.K from locations all over the world, specifically South America.

Physical Education:

OAA

To develop communication, negotiation and empathy whilst working in a team.

To work as a team to solve problems, sharing ideas and collaborating with one another.

To develop tactical planning and problem solving.

To share ideas and work as a team to solve problems.

To develop navigational skills and map reading.

To use a key to identify objects and locations.

Tag Rugby

To develop attacking principles, understanding when to run and when to pass.

To be able to use the 'forward pass' and 'offside' rules.

To be able to play games using tagging rules.

To develop dodging skills to lose a defender.

To develop drawing defence and understanding when to pass.

To be able to apply the rules and tactics you have learnt to play in a tag rugby tournament.

Religious Education:

4) Local church – Community 'Mission'

Big question - Do we all have a mission in life?

Continuing the mission of Jesus in our Diocese.

5) Eucharist-relating 'Memorial Sacrifice'

Big question -Why do we need memories?

The Eucharist; The living memorial Of Jesus' sacrifice.

Computing

Computer Science: Functions through

Code Studio Course E: Lessons 12-14

Conditionals through Code Studio Course E: Lesson 15

Digital literacy & Online safety:

Digital Citizenship

Online Tracks

IT & Digital Literacy:

Data and Information, Databases,

Computers Networks, Systems and Searches.

Mathematics:

Unit 7

Multiply a number up to 4-digits by a 1-digit number

Multiply 2-digit numbers

Multiply a 3-digit number by a 2-digit number

Multiply a 4-digit number by a 2-digit number

Divide a number up to 4 digits by a 1 digit number.

Divide with remainders

Efficient division

Solve problems with multiplication and division.

Unit 8

Multiply unit fractions by an integer

Multiply non-unit fractions by an integer

Multiply mixed numbers by integers

Fraction of an amount

Finding the whole

Using fractions a operations

Unit 9

Write decimals up to 2 decimal places

Equivalent fractions and decimals – tenths

Equivalent fractions and decimals – hundredths

Thousandths as fractions

Thousandths as decimals.

Thousandths on a place value grid

Compare and order decimals

Round to nearest whole number

Round to 1 decimal place

Percentages

Equivalent fractions, decimals and percentages.

English

Vehicle Text: The Lost Book of Adventure

Writing Outcome and Purpose:

Narrative: Survival Narrative

Purpose: To narrate

Explanation: Survival Guide

Purpose: To explain

Grammar : Word

Build on previous units & focus on: Verb prefixes mis, over and de Converting nouns or adjectives into verbs using suffixes

Grammar: Sentence

Build on previous units & focus on: Indicate degrees of possibility using adverbs and modal verbs Relative clauses beginning with who, which, where, when, whose, that or an omitted relative pronoun

Grammar: Text

Build on previous units & focus on: Develop understanding in using devices to build cohesion within a paragraph

Punctuation

Build on previous units & focus on: Commas for parenthesis

Science

Properties and changes of materials; describing changes in materials

- compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets
- know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- demonstrate that dissolving, mixing and changes of state are reversible changes
- explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda