

English

In English, we will be continuing with our class novel – *The Lion, The Witch and The Wardrobe*. We will be focusing on writing to debate this half-term, using the text as a basis for our written pieces. We will also be exploring a poem from another culture, through focusing on the poet Grace Nichols and her poem 'Island Man.' This poem explores the theme of feeling home-sick in a new land and the contrast between London and a Caribbean Island. We will link this to Narnia and the children leaving their home in London for war evacuation to the Professor's house in the countryside. **Please can practise of weekly spelling lists and home/school reading continue at home.**

Art - Sculptures and Printing – Antoni Gaudi

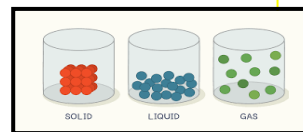
- In sculpture, create textures that combine both visual and tactile qualities
- In collage, combine both visual and tactile qualities
- Know how to create an accurate print design following given criteria
- Make collagraphs and printing blocks on card and create repeated patterns

Maths

- Multiply numbers up to 4 digits by a one or two digit numbers, using short and long multiplication
- Use the written method for short division and interpret remainders appropriately for context
- Use estimation and inverse to check answers to multiplication and division calculations
- Solve problems involving multiplication and division
- Measure and calculate the perimeter of composite rectilinear shapes
- Calculate and compare the area of rectangles, using standard units square
- Estimate the area of irregular shapes
- Read, write and convert time between analogue and digital 12 and 24-hour clocks, including solving time problems
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Knowledge Organiser - Spring 2

Welcome Back Y5!



Science -Properties and Changes of Materials

- Compare and group together everyday materials based on 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 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.

Spanish – Weather

- Read and understand a short passage
- Explain the main points in a short passage
- Read a short passage independently
- Use a bilingual dictionary or glossary to look up new words
- Start to speak, using a full sentence

RHE – Healthy Relationships

We will be learning about the different types of relationships people have. Our key focuses will be surrounding friendships, how to stay safe online and face-to-face. We will talk about the positive and negative effects of social media on relationships – and of course what to do and where to turn for advice and safety.

R.E – Places of Worship

We will be finishing our unit on Green Religions from last half-term, then starting our new focus topic...

If God is everywhere, why go to a place of worship?

Make connections between how believers feel about places of worship in different traditions

Select and describe the most important functions of a place of worship for the community

Give examples of how places of worship support believers in difficult times, explaining why these matters to believers

Present ideas about the importance of people in a place of worship, rather than the place itself

Computing – Game Creator & Modelling

- I can test and debug my programs as I work
- I can work collaboratively with others, creating solutions to problems, using appropriate software such as - 2Code
- I can comment on how successful a digital solution is that I have created. For example, a program built in 2Code that sorts decimal numbers

I can work collaboratively with others creating solutions to

Music – Fresh Prince of Bel Air

Following the Charanga scheme, we will learn to sing the Fresh Prince of Bel Air song, looking at the pulse and rhythm.

P.E - Gymnastics

- Combine own work with that of others, identifying strengths & weaknesses
- Include change of speed, direction and shape in movements
- Follow a set of 'rules' to produce a sequence, possibly made by peers
- Create/mirror/matching/cannon (pair) sequence varying dynamics/levels/direction etc
- Beginning to compose extended and more complex sequences
- Apply combined skills appropriately, showing precision, control and fluency.
- Beginning to perform to small audiences

History – WW2

We will be finishing our unit on South America from last half-term, then starting on our new focus topic...

Historical Enquiry – World War 2

A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 (Battle of Britain).

- Describe a timeline of WW2
- Know how D-Day from the past has shaped our life today
- Know the impact of Hitler and Winston Churchill during WW2
- Know about crime and punishment during WW2
- Know how Britain has major influence on the War
- Know how the lives of wealthy people were different from the lives of poorer people *during* WW2