

English

This half-term, we will start by studying the wordless, classical tale by Raymond Briggs - 'The Snowman'. We will be watching and analysing the beautiful, magical adventure of James and his beloved Snowman companion and using this as a basis for retelling and innovating the storyline.

Towards the end of term, we will begin to explore the famous fantasy - 'The Lion, The Witch and The Wardrobe'. We will be using the novel set in Namia to write a description of the white, wintry lands.

Just a few gentle reminders...

- Spelling lists will be sent home on a Friday as part of Y5 homework - these should be practised and learnt for our weekly spelling tests on a Friday.
- Home reading should also be completed x4 times per week and reading records signed by an adult.
- Home/school reading books and records should be sent into school daily.

Science - Properties of 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.

Relationship and Health Education - Basic First Aid

How can we help in an accident or emergency?

- How to carry out basic first aid, including for burns, scalds, cuts, bleeds, choking, asthma attacks or allergic reactions.
- To know that if someone has experienced a head injury, they should not be moved.
- When it is appropriate to use first aid and the importance of seeking adult help.

DT - Mechanical Systems

SCIENCE LINKS - FORCES

- Making connections & apply understanding to a wider range of mechanical systems and how they work (gears, pulleys, cams levers)
- To design, make and evaluate a system, using the relevant skills

Happy New Year Y5!

Knowledge Organiser - Spring 1

PE - Swimming

The swimming lessons at Worsley Pool will continue this half-term for the children in Y5. Please can we ask that you encourage your child's full participation in the sessions, as learning to swim is a life-saving skill and also forms a statutory requirement of the Key Stage 2 National Curriculum in England. The children will learn to:

- swim competently, confidently and proficiently
- use a range of strokes effectively (for example, front crawl, backstroke and breaststroke)
- perform safe self-rescue in the water

Religious Education

How and why should religious communities do more to care for the Earth?

GLOBAL LEARNING LINKS

- Make connections between beliefs about the earth and activist behaviour in different religions
- Understand the challenges facing the planet and responses from different religions
- Discuss and describe their own and others' ideas about the kinds of collaboration, activism and commitment needed to 'Save the Earth'

Spanish - School

- 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

Mathematics

- Written addition and subtraction, including problem-solving
- Angles
- Perimeter
- Statistics

Additional Maths in Y5...

Fluent in 5 will take place each morning, which provides a daily set of arithmetic practice, designed to help children develop and maintain fluency in both written and mental maths calculations. The structure of Fluent in Five is also designed to help children distinguish between written and mental calculations.

BIG Maths will also be incorporated into our week, which focuses on targeting key number and calculation skills in a fun but rigorous approach.

Regular practise of times tables facts up to x12 will be embedded into our timetable.

Music - Make You Feel My Love

We will be using and following the Music Scheme - Charanga.

Computing - Spreadsheets & Databases

- Use the most appropriate form of online communication according to the digital content, for example - use of 2Email, 2Blog and Display Boards
- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Geography - South America

- To know the names of, and locate, a number of South American countries, including major cities
- To know that different parts of the world have different climates, and to be able to name and locate some of the different climates in South America
- To have an awareness of the environmental regions of South America
- To compare and contrast the differences and similarities of key physical and human characteristics between South America and the UK
- Recognise that people have differing qualities of life living in different locations and environments in South America and the UK
- To discover more about the country of Brazil