Spring One in Year 5

English

In our English lessons this term, Year 5 will be focusing on persuasive writing based on knowledge we gain from 'The Paperbag Prince'. Based off this text, children will be writing persuasive leaflets and letters to give information about waste management.

Children will:

- Use modal verbs to indicate degrees of possibility
- Use devices to build cohesion within a paragraph
- Choose the appropriate register. Use brackets, dashes or commas to indicate parenthesis
- Enhance meaning through selecting appropriate grammar and vocabulary

We are reading...





This term, as readers we will reading 'Odd and the Frost Giants'. We will:

- Predict what might happen from details stated and implied
- Retrieve, record and present information
- Summarise the main ideas from more than one paragraph
- Draw inferences (inferring characters' feelings, thoughts and motives from their actions); justify with evidence.

Maths

As mathematicians, children will learn the formal method of multiplication and division. In this unit the children will:

- Multiply numbers with 4 digits by 2 digits using the area model
- Use long multiplication to solve calculations
- Learn how to use short division to divide a 4-digit number by a 1-digit number
- Divide with remainders
- Solve problems with multiplication and division.

Science

As scientists, this term, Year 5 will be learning about the different stages of human development. During this topic, children will:

- Make predictions and explore different patterns on gestation periods of different animals
- Observe the changes as we grow older and order the stages of human development
- Learn about the mental and physical health of humans.

Art

As artists, we will be studying about painting and mixed media. Children will learn:

- How to develop a self-portrait
- How to combine materials for effect
- Develop ideas towards an outcome by experimenting with materials and techniques
- Apply knowledge and skills to create a mixed media self portrait.

Geography

As geographers, children will learn about volcanoes and earthquakes. In this unit, the children will:

- Find out about the structure of the Earth and label a diagram of the Earth's core.
- Describe what happens at the boundaries between the Earth's plates.
- Describe and explain the key features of a volcano.
- Locate where famous earthquakes have occurred.
- Identify the effects of earthquakes on land and people.

DT

As technicians, children will develop an understanding of simple electrical circuits and motorised products. Children will learn how to:

- Identify basic circuit components and explain their functions.
- Describe how a motor changes electrical energy into movement.
- Explore and design motorised products for a specific purpose.
- Set design criteria and justify design choices based on function.
- Create and evaluate an innovative motorised product against the design criteria.

Music

As musicians, year 5 will develop their Music Technology skills. They will:

- Use the Garage band App on the iPad, as well as Band Lab on PC
- Create sounds with the Apps and work on recreating an existing song from scratch
- Record live instruments and perform some of them themselves
- Add effects and learn how to edit mistakes.

PSHE

This term, children will learn about how to be safe. The theme of this unit is 'health and wellbeing'. Children will explore:

- How to spot bullying
- How to take decisions
- How to play, like and share
- Whether all drugs are medicines or not?
- What do we mean by the term 'taking a risk'?

French

This term, children will learn how to ask politely for food in French. Children will:

- Prepare and practice a simple conversation, using familiar vocabulary and structures in new contexts
- Understand and express simple opinions
- Listen attentively and understand more complex phrases and sentences
- Write words, phrases and short sentences, using a reference source.

PE

Tag rugby is an invasion game. In this unit pupils will:

- Develop their understanding of the attacking and defending principles of invasion games
- Think about how they use skills, strategies and tactics to outwit the opposition
- Maintain possession and move the ball towards the try line to score
- Develop their understanding of the importance of fair play and honesty while self-managing games and learning
- Abide to the key rules
- Evaluate their own and others' performances.