



Rowan Class
Year 5
Spring Term 2024

Topic Focus: STEM (Science, Technology, Engineering and Maths)

In Science, we will be exploring the physics of force, with a focus on gravity and friction. We will conduct experiments on surface, water and air resistance. This will link with our D&T unit on mechanical systems, where we will learn how gears, levers and pulleys work and then apply this knowledge to creating a moving book. For Geography, our unit is all about 'Natural Disasters'. We will explore the processes that cause earthquakes and volcanoes to erupt and their impact on the environment and human settlements.



English:

We will start the term by looking at the biographies of famous leaders in STEM, such as David Attenborough and then we will jump into our natural disasters report writing unit. Following this, we will explore suspense and mystery stories, as well as instructional texts.

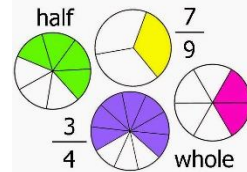


Feel the Force



Mathematics:

We will start the term by learning about fractions. We will learn to compare, convert, add, subtract and multiply fractions. Following this, we will delve into decimals and percentages and how they relate to fractions. The term will finish with us learning to measure, compare and estimate volume and capacity.



Religious Education:

This term, we will be exploring the question: 'Was the death of Jesus a worthwhile sacrifice?' This unit will look in depth at the Easter story and its meaning to Christians.



PSHE:

In PSHE, we will be looking at the topics of 'Keeping Myself Safe' and 'Rights and Responsibilities' where we will look at risks, healthy habits, laws and duties.



Physical Education:

In Term 3, we will learn about balance and tension in Gymnastics as well as the different element of fitness. Term 4, will see us exploring Paralympic events and handball.



Computing:

Our unit for this term is 'Data & Information – Flat file databases'. We will learn how to make and use both paper and computer – based databases.

