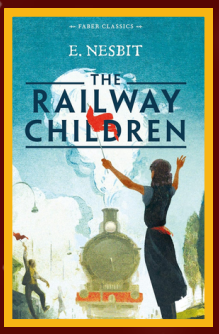
YEAR 5 CURRICULUM NEWS
SUMMER TERM 1
'MECHANICS AND SYSTEMS'



English – As readers and writers, we will be reading 'The Railway Children' by Edith Nesbit. This story is rich with vocabulary and description and we will use this book to inspire us to stretch our own writing. We will read the book as a class and discuss its themes. Our writing will focus on character description and emotive language.

Maths – As mathematicians, we will be looking at shape and then moving onto position and direction. We will be exploring angles and measuring increasingly complex shapes. As the term moves on, we will also learn about coordinates and translations including answering problem solving questions which provide the opportunity to apply new learning.

Science – As scientists, we will be learning about 'Forces' and undertaking our own investigations. We will challenge theories and plan experiments in a range of ways. We will generate detailed conclusions and build on our learning weekly. We will also learn about important scientists from the past such as Sir Isaac Newton.

RE – As contemplators, we will be discussing the Kingdom of God big question, 'What kind of King is Jesus?'

History/Geography – As geographers, we will be learning about deserts and exploring the many different ways in which they are at danger. We will explore how human activity is impacting the growing deserts in the world. We will also build on prior learning and look at the way that deserts are created in line with the atmosphere.

Art and Design/Design Technology – As designers, we will be looking at mechanical systems by exploring and making pop-up books. Here children will produce a suitable plan for each page of their book before making their very own pop-up book by assemble the individual components and mechanisms. The children will enjoy hiding the mechanical elements with more layers using spacers where needed.

PE – As sports stars, we will be preparing for our sports day. In our lessons, we will practice and develop our field and track events. We will also be participating in outdoor adventurous activities, which will largely be made up of team challenges and games, with a focus on communication skills and team problem solving.

PSHE – As thinkers, we will be further understanding Health and Wellbeing and discussing the importance that it has. We will also have our Healthy Lifestyles week activities.

Spanish – As linguists, we will be taking a trip across Spain, asking and answering questions about various parts of the country of Spain.

Music – As musicians, we will be continuing to develop their understanding of musical notation this term. They will be learning to play simple and more complex tunes on the violin.

Computing – As computer scientists, we will be discussing online reputations as part of our ongoing e-safety unit. We will also be learning about programming and using various platforms including 'Scratch' and 'Sphero.'