

Summer Term Year: 5

**Unit of Learning:** How can energy be transferred, transformed, and used in various ways?

**Overview:**

This unit of learning focuses on Science & Technology. Children will be exploring different scientific concepts on the theme of forces and motion, through practical experiments and authentic experiences. In addition to this, Year 5 will be finding out about gravity, the planets in the solar system and their properties.

- Investigating forces in action
- Conducting their own mini experiments
- Explaining how forces work in different concepts
- Creating an air-resistance rocket to launch
- Experiment with pulleys and levers

We will also be preparing for our transition to our new class, as well as celebrating Sports Day and heading to Techniquet for an exciting trip!

**Languages, Literacy & Communication**

Using explanation texts to inform others  
Writing Newspaper Articles  
Discussions on current events and looking at both sides of an argument  
Developing oracy skills and active listening strategies  
Non-Fiction Texts e.g. information, news articles

**Mathematics & Numeracy**

Measuring perimeter of different 3D shapes  
Data handling - recording scientific data in tables and bar charts  
Shape - recognising quadrilaterals, triangles and lines of symmetry  
Interpret data to handle questions

**Ways to help at home**

Read for pleasure daily  
Practice basic number facts (including times tables up to 12x12 along with division facts)  
Keep up-to-date on current affairs - newsround is useful for this

**Important Dates**

Assessment Week - 19th May  
Trip to Techniquet – 23rd May  
Y5 Swimming fortnight June 9th & June 16th  
Marvellous Men's Sale - 12th June  
Sports Day - 25th June (pm)

