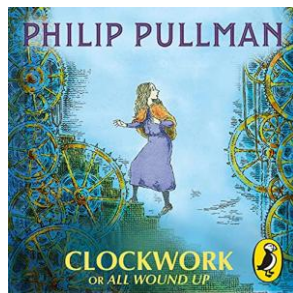


Autumn 1 Year 5

Our topic this half term is 'Marvellous Mechanisms'

This half term, Year 5 will be learning about forces and mechanisms, conducting practical investigations and looking at uses in real-life contexts.

As writers, we will be writing job applications, setting and character descriptions and diary entries.

As readers, we will focus on 'Clockwork' by Philip Pullman - a tale of a clockmaker's apprentice and a skilled story-teller, whose stories become intertwined in a sinister way.

In Maths, we will learn to reason with larger numbers using our knowledge of place value. We will focus on addition and subtraction, as well as reasoning with line graphs and timetables.

In Science, we will learn about forces and mechanisms, and we will use comparative and fair testing to compare friction, air resistance and water resistance.

In Computing, we will learn about self-image and self-identity online. We will also learn how computer systems work.

In Geography, we will use digital maps to plan routes, and use our knowledge of human and physical geography to compare two places.

In Design & Technology, we will design, make and evaluate a moving theme park souvenir, using our knowledge of mechanisms.

In Music, we will learn to sing sea shanties. We will use body percussion and cups to keep a beat whilst singing sea shanties.

In PE, we will be developing our hockey skills, including tackling. We will also learn how to use a compass and work as part of a team in our outdoor adventurous activity lessons.

In PSHE, we will learn about health and safety in a variety of different situations, including railway safety, fire safety and medicine safety. We will also begin our learning about protective behaviours, which is a sequence of lessons to encourage personal safety.

In RE, we will learn about Hinduism, including the importance of pilgrimages in some religions and reflecting on what is important to us.

In Languages, we will be revising the vocabulary previously taught to introduce ourselves and discuss how we are feeling. We will also be learning to discuss school subjects that we like and dislike, giving reasons why.