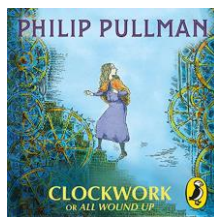




Curriculum Information



Autumn 1 Year 5



Our topic this half term is 'Marvellous Mechanisms'

This half term, Year 5 will be learning about forces and mechanisms, visiting Drayton Manor to help them to understand how science and design & technology are used in a real-life situation.

As writers, we will be writing persuasive advertisements, setting descriptions and mystery stories.

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, making links between the mass and weight of objects and we will use comparative and fair testing to compare friction on different surface levels.

In Computing, we will use the green screen to create and evaluate an advertisement for a specific purpose and audience. We will also learn about acceptable and unacceptable behaviours online.

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 compose a body percussion accompaniment to sea shanty and talk about the key features of a sea shanty using musical vocabulary.

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 we will be learning to discuss school subjects that we like and dislike, giving reasons why.