

Autumn

Autumn 1 – Thrills and Spills

In our first Autumn term, we will focus upon:

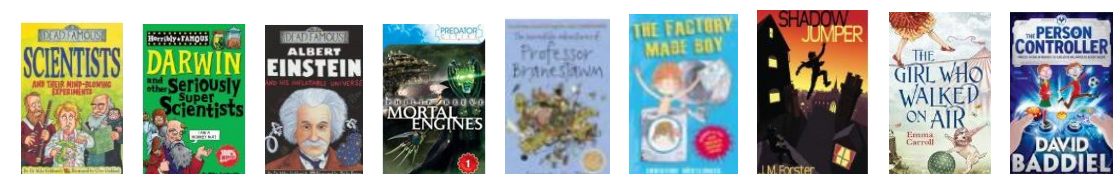
- Designing and Testing certain fairground ride features and applying physics to understand if it would work
- Making a model of fairground ride to test under different rules
- Programming computer games to produce rides for fairground
- Investigating forces – rotations, pushes and pulls
- Instructional writing
- Changing state – mixing materials and making potions, chemical reactions and changes
- Effects of reactions and changes on the human body, the environment etc
- Recognise the effects of levers and pulleys on forces



Autumn 2 – Achievements and Legacies

In our second Autumn term, we will focus upon:

- Achievements of modern life – construction, invention and technology which has transformed life
- Legacies of civilisation throughout history
- Engineering, Medicines and healthcare which have changed history
- Ancient Greece – democracy, mathematics, Olympic games and marathon
- Describe changes in humans from birth to adulthood – how do these changes effect different people – how do different people use their potential
- Scientific legends and their findings – how are these used today
- Changes in society due to the ideas and achievements of others



Spring

Spring 1 – Georgians – Mad, Bad and Dangerous

In the first half of the Spring term we will focus upon:

- Stories from a range of historical settings
- Evolution and inheritance
- Understanding chronology
- Interpreting the past and recording events in their own words using a range of ICT and art forms
- Agriculture, industry and trade in Britain including factories, mills, steam engines and canals
- Crime and punishment
- Georgian buildings, settlements and inventions



Spring 2 – Conflict

In the second half of the Spring term, we will focus upon:

- Major conflicts that the world has seen – WW1 and WW2
- Changes in Britain because of the war, life during the war and the impact that war had on the world and society
- Present day forces – The Army, The Royal Navy and the Royal Air Force
- Defences – buildings, armour, tactics, castles, fortifications
- Reasons of conflict
- Using different sources of evidence to make assumptions on the past
- Bullying and resolving conflict in school
- Debate the reasons wars start and the impact of war on society/land and future



Summer

Summer 1 – Around the World in 80 Days

In the first half of our Summer term, we will focus upon:

- Famous travellers throughout history and world record breakers today
- Seven continents and five oceans, famous rivers and lakes
- Link with schools in different countries and form relationships with the children there – school exchange
- Learn about animals from around the world, their adaptations to their environments, how they produce young
- Artists from around the world – how their work varies
- Learn about the movement of the earth and planets in the solar system – learn about the implications of these movements
- Use research to find out about day and night across the world and the timezones in each continent



Summer 2 – Natural Disasters

In the second half of our Summer term, we will focus upon:

- Investigating patterns of earthquakes, mountains and volcanoes
- Explore the different climatic and vegetation zones in the world
- Where natural resources are found and the overuse of some of world's natural resources
- Climate change – why is this happening and what is the effect?
- How scientists are developing new energy resources and technologies
- Researching countries with extreme weathers and finding out why they are more prone to these
- Famous paintings of water e.g. Monet
- Rainfall/sunshine statistics

