

| | | | |
|--|--|--|--|
| <p>Themed This term we will be learning about significant inventions throughout history. Using a range of sources, we will:</p> <ul style="list-style-type: none"> • Study important inventions throughout history and the impact that they had on society, with a particular focus on transport, communication and medicine. • Learn about important inventors and the work that they did. • Learn about current inventions and how inventions might develop in the future. • Investigate how the invention of canals and the railway led to the development and growth of Old Harlow. • Continue to develop skills of historical enquiry and chronological understanding by ordering significant inventions on a timeline. <p>We will also be doing an in depth study of Baghdad c AD 900, which will include learning about how the city had a major influence on early discoveries and inventions.</p> | <p>Cross Curricular Maths</p> <p>During our themed lessons we will include learning about the invention of money and different currencies. We will also look at how mathematics was used in the development of some inventions such as computer games.</p> | <p>Gardening & Outdoor Learning</p> <p>Early on in this term, we will harvest our pumpkins and use them to make soup. We will also tidy up our vegetable plot and plant seeds for winter vegetables such as onions, garlic and broad beans.</p> | <p>Computing This term, we will be learning about multi-media and word-processing, programming and online safety. Specifically we will:</p> <ul style="list-style-type: none"> • Learn to navigate ‘Python’ and learn the basics of the program. • Use a range of statements, selection algorithms and numerical operators. • Plan the structure and layout of presentation • Evaluate and select suitable information and media from a range of electronic resources. • Organise, refine and present information for a specific audience. • Create a range of hyperlinks to produce a non-linear presentation. • Use a range of sources to check the validity of a website and recognise that different viewpoints can be found on the web. |
| <h1 style="color: #4F81BD;">Inventions and Developments</h1> | | | |
| <p>Writing Throughout the theme we will be creating the following pieces of writing:</p> <ul style="list-style-type: none"> • A Newspaper report based on the first flight. • A non-chronological report based on Baghdad. • A short biography on a famous inventor. <p>Key Texts:</p> <ul style="list-style-type: none"> • ‘<i>Inventors who changed the World</i>’. • ‘<i>The Story of Inventions</i>’. • ‘<i>1000 Inventions and Discoveries</i>’. <p>Our focus author will be <i>Michael Morpurgo</i>.</p> | <p>Art We will be focusing on printing during this term. We will experiment with creating prints using a variety of everyday objects and items found in nature. We will design our own postage stamps and then use polystyrene to make prints that include overlays.</p> <p>Our focus artist will be <i>Frank Stella</i></p> <p>DT After half term, we will be investigating electrical systems and will design, make and evaluate an alarm/security system.</p> | <p>PE During the term, the children will take part in football, tag rugby and fitness sessions. They will develop passing & marking skills, positional awareness and tactics.</p> <p>RE We will be studying creation accounts from different religions.</p> <p>French We will be learning to read, write and talk about clothes and what we like to wear, modes of transport, daily routines and different sports.</p> <p>PSHCE We will be learning about how we can keep ourselves safe e.g. the importance of protecting personal information.</p> | |
| <p>Science As well as working scientifically, we will also learn:</p> <ul style="list-style-type: none"> • About light and how we see colours. • About reflection, refraction and shadows. • To use symbols for electrical components. • Associate the brightness of a bulb or volume of a buzzer with the voltage. | <p>Global Learning We will find out about how modern inventions have improved the lives of people in developing countries. Specifically, we will learn about the impact of the ‘hippo water roller.’</p> | <p>Key Vocab <i>Innovation</i> <i>Development</i> <i>Perseverance</i> <i>Adaptation</i> <i>Creativity</i> <i>Patent</i> <i>Breakthrough</i> <i>Devise</i> <i>Pioneering</i> <i>Designing</i></p> | <p>Music This term, a specialist music teacher will teach the children. They will be listening to and appraising a range of music as well as developing singing, playing and compositional skills.</p> <p>They will also be learning the following songs:</p> <ul style="list-style-type: none"> • ‘<i>World without the Wheel</i>’ • ‘<i>Switching it on</i>’ |
| <p>Events We are in the process of organising:</p> <ul style="list-style-type: none"> • A visit to the Science Museum. • A visitor to talk to the children about the invention of steam engines and the development of the railway systems. | | | |