In Geography

We will develop local geographical knowledge by using and annotating sketch maps to locate human and physical features (we will make links to the Steelworks). The children will then undertake fieldwork in the immediate area around school. From this, the children will report their findings using a variety of charts.

Incredible Inventions

An exploration of different inventions.

How have inventions changed our lives?

In History

We will be looking at the development of Scunthorpe's Steelworks and how it has changed over time. The children will learn about how the Industrial Revolution was the start of big changes to daily lives and led to the introduction of many new inventions. Using a range of sources, the children will increase their knowledge of the past. Additionally, we will learn about inventions from more recent times and from other countries. Looking at some of these inventions, the children will devise their own questions about the impact they've had.

Other Curriculum links

In Computing, the children will learn how to create code to program and control their electrical circuits. They will research a variety of different inventions and use different software to present their work.
In PSHE, the children will discuss the feelings associated with the development of an invention. They will set themselves goals and develop perseverance. We will also learn about healthy lifestyles.
In PE, the children will use dance and gymnastic techniques to create their own interpretive pieces.

Core Curriculum Links are…

English - Explanation text
Maths – Statistics

Enrichment Links are…

Trip to Magna
Visitor to talk about the steelworks.
Visitor to talk about the role of an electrician.

Our Cornerstone Value Links are…

Wonder – to be inspired by inventions from the past and take delight in creativity and discovery.
Virtue and Goodness – being considerate and helpful when working together.
Prayer and service – collect tins of food to donate to the food bank.
Joy – a joy of learning.
Excellence – high expectations and aspirations throughout the topic.

In Science

We are learning about how electricity is used. The children will create their own circuits using different components. This will include making bulbs light, using switches and understanding conductors and insulators. Following this, the children will learn about forces and how magnets work. Within this, they will learn that magnets have poles and how they attract or repel. They will get the opportunity to complete lots of practical lessons and complete full investigations.

In Art

Within art, the children are going learn about L.S. Lowry. After studying this artist, the children will then create their own artwork based on his style. Using their sketch books, they will continue to develop their techniques including control and use of different materials. Their final piece will consolidate their learning and will be produced using paints.

In Design and Technology

Within Design and Technology, the children are researching and developing design criteria to inform the design of their fit for purpose product. By generating ideas and selecting appropriate materials and tools for tasks, the children will use their new scientific knowledge to create a game to be played by children at wet play. The game will include an electrical circuit and be controlled by computer programming that the children have created. Following the product being made, the children will then develop their evaluative skills using their initial criteria – they will get to play the different games!
The children will also prepare and cook a savoury dish using cooking techniques and improve their knowledge of seasonality.