

**Class: Willow**

**Term: Autumn**

**Topic: Britain's Got Talent**

### **History**

We will be focusing on the chronology of the past: Industrial Revolution, Victorians and Present Day considering the inventions and inventors from Great Britain that have changed the world for the better.

This will include female engineers who have positively impacted STEM and other areas of global development.

### **Geography**

We will be looking at the evolution of transport across the UK – road, rail, canals and ports.

We will be learning about advancements in moving vehicles and the inventors who have changed and influenced these developments.

### **Art**

We will focus on textiles. This will be through the consideration of famous designers and the impact of the Spinning Jenny and Arkwright's spinning frame.

We will practice types of stitches and create a new product using stitching techniques.

### **Design Technology**

We will design, create and evaluate motorising, moving vehicles using a range of techniques including cams.

These will be designed with a purpose: to carry an egg safely from one side of the hall to the other.

### **Aspirations**

We will consider heroes and their inventions.

We will then learn about different jobs and doorways which can be opened in the future.

### **Community**

We will learn more about local heroes with a focus on Richard Arkwright.

### **Culture**

We will the cultural influence of inventors in society.

### **Health**

We will understand the medical advances throughout the past and link it to the present day with a particular focus on Alexander Fleming.

## English

We will investigate a wide range of genres; including fiction and non-fictions:

- Mystery
- Biographies
- Classic Fiction
- Poetry
- Persuasion

We will listen and read a wide range of texts, including a class novel. In writing, we will plan, draft, write, edit and improve a variety of fiction, non-fiction and poetry texts. We will write with purpose; whilst imitating, innovating and inventing.

## Maths

We will focus on addition, subtraction, multiplication and division. We will solve problems using all four operations.

We will also be focusing on shapes and mathematical understanding of position and direction.

## Science

We will recognise that living things change over time and that fossils provide information about living things that inhabited the Earth millions of years ago.

We will identify how animals and plants are adapted to suit their environments in different ways.

We will identify the main parts of the circulatory system.

We will recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.

## French

We will learn days of the week, months of the year and numbers 1-31 will be introduced, revised and consolidated. We will have the knowledge and skills to say the date and when their birthday is in French. We will have the knowledge and skills to present both orally and in written form about the pets we have.

## Music

We will be studying Fingal's Cave where children will explore dynamics, pitch and texture. We will also look at film music which explores composition and graphic scores.

## Computing

We will be learning to master coding skills. The children will have the opportunity to explore program design and put computational thinking into practice. This concept involves developing an understanding of instructions, logic and sequences.

## PSHE

We will Learn that families are varied and differences must be respected; understanding physical and emotional boundaries in friendships.

Learning about the importance of relaxation and sleep; understanding how to cope with failure; learning how to set goals

## RE

We will be investigating how Christians mark the 'turning points' on the journey of life and the pathways and journey of life within Hindu Dharma. This involves understanding the day to day lives and practices of various religions.

## PE

We will be refining our skills in gymnastics and invasion games. We will develop practical skills in order to participate, compete and lead a healthy lifestyle. This involves learning a range of physical movements and sporting techniques.

We will also be learning the importance of online safety.

and how to achieve goals; living a healthy lifestyle; the impact of technology on mental health and wellbeing; creating resilience strategies; the benefits of immunisation; creating good habits.

