

## Year 4 Curriculum Outline 2018 /19

### Autumn 1



#### Brainwave

#### The art of Learning

Children will know that they can affect the quality of their own learning. They will learn about some of the recent evidence and research into the brain and learning. Then they should be able to apply these theories to their own learning and reflect on their importance.

#### Food

#### Chocolate!

Wouldn't it be amazing if chocolate grew on trees? Well, it does! Wouldn't it be amazing if I said we were going to make some chocolate? Well, we are! And we're going to discover even more amazing things about chocolate...

Through our Art, History, Geography, Science and IT lessons we just might become the next Willy Wonker!



### Autumn 2

#### Temples, tombs and treasures

#### Ancient civilisations: Egypt and Sumer

Through Art, History and Science children will learn about ancient Egypt. They will learn about ancient civilisations and the importance of the geography in Egypt, particularly the River Nile.



Alongside our Discovery curriculum throughout the year children will take part in weekly Philosophy for Children (P4C) lessons where they will explore a range of philosophical questions, they will also have weekly French lessons and sports lessons. Children will also have the opportunity to take part in gardening sessions, taking care of our chickens and cooking lessons.

## Spring 1

### **Inventions that changed the world**

Through Art, Geography, History and Science children will learn how Inventions have transformed the way that we live our daily lives – from the simple paperclip to the latest mobile device. By learning about the important inventions that have changed our world, we can discover how we could become great inventors too!



### **Digital Gamers**

Through ICT and computing children will learn about computer games and how they are created. Have you ever thought about how the computer games you enjoy playing are actually made? Where do you think the ideas come from? Do you think just one person is responsible for designing a computer game or could it be more? Computer games are big business, but what's involved in the process of designing, coding and creating them? Let's find out!



## Spring 2



### **Bright Sparks Electricity!**

In these Discovery lessons children will learn through Art, Music and Science that electricity is an energy that flows along wires in our homes, schools, offices, towns and cities to power lights, televisions, computers, cars and trains, and hundreds of other things that we use every day. Let's find out what we can do with electricity.

### **Material World**

#### **Grouping and classifying materials**

Hundreds of different materials are used to make everyday objects. Some materials occur naturally, e.g. wood from trees while others are manmade in factories, e.g. plastic. Some materials are magnetic; some allow heat and electricity to pass through them. But with so many different materials to choose from, how do we decide which to use?



## Summer 1

### Shake it!

#### Changing and separating materials

In these Discovery lessons children will learn through Science and technology all about changing and separating materials. We are going to find out all about solids, liquids and gases by making butter and cheese, and milkshakes.

#### Gateways to the World

##### Airports

Everyday millions of people take to the skies, making journeys in airplanes. Air travel helps to connect people around the world. Through Geography, ICT and Technology children will learn all about aviation and the large airports cities have.



##### Safeguarding Curriculum

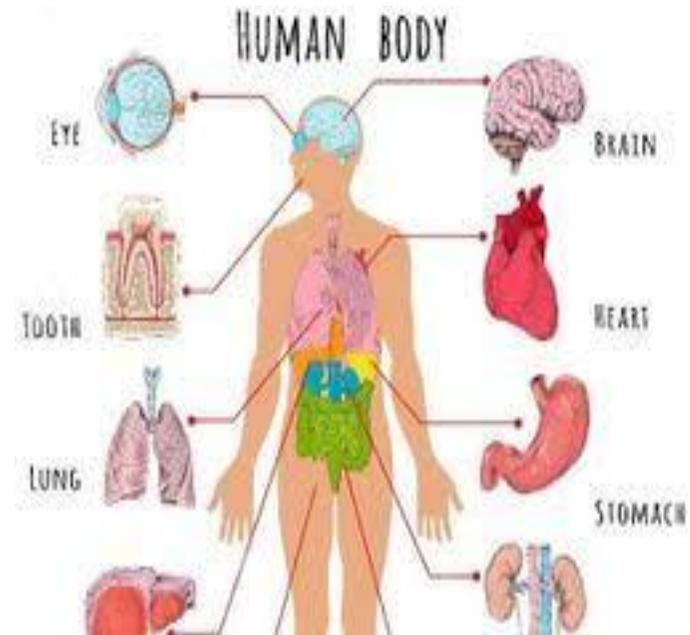
In this series of lessons children will learn how to keep themselves safe. They will learn about road safety, internet safety and personal safety.

## Summer 2

### How humans Work

#### The Human Body

Your body is like an engine that never stops working. By knowing how your body works you can learn to look after it better and stay healthy. Through Science the children will learn all about their body and what it needs to stay healthy and to grow.



##### Growing up, Growing Wise Curriculum

In this series of lessons children will learn about changes to their body as they grow up. They will also learn about friendships and relationships.