

## Maths

### **Addition and Subtraction**

Children will recap mental methods of addition and subtraction then be introduced to the formal column method. This will include exchanging ones to tens and tens to hundreds. They will develop their understanding of inverse operations and begin to use this to check and estimate calculations.

### **Multiplication and Division**

Children will continue to secure their understanding of the 3 and 4 times tables, then use this to develop their knowledge of the 8 times table.

### **Measurement**

Continue learning to tell the time to the nearest minute. Be secure in using time related vocabulary for example, am, pm, morning, afternoon, noon, midnight and o'clock. Use understanding of time to compare duration of events.

### **Fractions**

Link understanding of tenths to decimals and begin to develop this when learning

## PE

### **Swimming**

Children will continue to learn to swim competently, confidently and proficiently by using a range of strokes effectively. They will perform safe rescue in different water based situations.

### **Tennis**

Children will practice their accuracy and skill in hitting a ball over a net. They will learn the rules to complete a match.

### **Athletics**

Children will develop their coordination, agility and balance by taking part in outdoor activity challenges both individually and in a team.

## English

### **Narrative**

Children will explore plots to support them in writing an adventure story. Guided reading and focused targets will link closely to this unit as the children develop their writing.

### **Poetic Style**

They will build their vocabulary by reading, writing and performing a free verse. Children will research a poet and express personal responses to poetry.

### **Persuasion**

Children will present a point of view in the form of a persuasive letter. They will link points persuasively by selecting styles and vocabulary appropriate to the reader.

## Science

### **Plants (First & Second half)**

The children will learn to identify the different parts of the plant and describe their functions. The children will learn why healthy roots and a healthy stem are needed for plants to grow and that the leaves are associated with healthy growth and more specifically, nutrition. The children will have the opportunity to investigate the way in which water is transported within plants. During the unit, we will also explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

# Year 3 Spring Term 2022

## Art/D&T/Music

### **D&T**

The children will understand and use mechanical systems by designing a pneumatic system to make a monster. They will also evaluate the final product.

### **Art**

Children will investigate how the environment can affect how we feel about places in relation to sculpture. They will use their ideas to plan, design and create their own sculpture inspired by the artist, Henry Moore.

### **Music**

Children will develop what they have learnt in recorder and begin to learn new tunes during the Spring term.

## Topic

### **Our Local Legacy:**

Children will identify key periods in history, including the Romans. They will have the opportunity to find out how history is reflected in the area of St Albans. Who was Alban and what was his legacy? We will look at maps, particularly their symbols and keys.

## Computing

### **Stop-Frame Animation**

Children will use a range of techniques to create a stop-frame animation. They will apply these skills to create a story-based animation.

## PHSE/RE

### **PSHE**

First half: Goals and Dreams

Second half: Healthy Me

Themes will also be explored through weekly assemblies, both whole school and Key Stage.

### **Different ideas about God and Gods, creation and ultimate questions**

This will involve discussing challenging questions about meaning, purpose and truth. Children will be encouraged to consider the different ideas about God.

### **Communicating through sacred spaces and prayer**

Children will investigate the role and special space for worship in a mosque and a church exploring meaning and significance for followers.