

### **Science**

In term 1 we will be recognising that materials are suitable for specific purposes and understanding their properties, exploring how actions such as stretching and bending affect the shape of solid objects and comparing the suitability of materials by carrying out tests and recording data. In term 2 the children will discover the life processes that all living things have in common. They will classify objects into alive, was once alive or has never been alive. They name plants and animals and recognise how living things depend on each other.

### **Computing**

In computing we will be exploring what a computer is by identifying and learning how inputs and outputs work as well as understanding how computers are used in the wider world. We will then be moving on to developing an understanding of what algorithms are, how to program them and how they can be developed to be more efficient through a range of unplugged and plugged-in activities.

### **Art & Design / Design and Technology**

In term 1 the children will be exploring stability and methods to strengthen structures in DT. We will look to understand Baby Bear's chair weaknesses and develop an improved solution for him to use.

In term 2 we will be taking on an art challenge. Responding to a design brief, the children will learn three techniques for working creatively with materials and at the end of the project, evaluate their design ideas.

## **Year 2 Term 1 and 2 2025**



### **Recommended Reads**

The Rainbow Bear by Michael Morpurgo

The Enchanted Wood by Enid Blyton

The Giraffe, the Pelly and Me by Roald Dahl

Inside the Villains by Clotilde Perrin

### **Music**

In music pupils will be encouraged to sing with good diction to emphasise word play, learn to play the melody of the song on tuned percussion and working by ear, explore call-and-response, making up call-and-response patterns with actions, their voices and with instruments.

### **PE**

In Terms 1 and 2, the children will be practising their key skills such as throwing and catching. In indoor PE we will be learning to balance and move in interesting ways. We shall be swimming in term 1.

### **History / Geography**

In term 1 we will be looking at understanding that although schools have been in the local area for a long time, they have not always been the same; the children will identify historical similarities and differences using a range of sources to recognise continuity between children's lives past and present.

In term 2 we will be looking at features in the North and South Poles and Kenya. The children will be comparing weather and features in the local area, learning the four compass points and learning the names and locations of the continents of our world.

### **PSHE**

We will be thinking about feelings and relationships and how to manage them. We are going to think about how emotions affect us and others and what makes a good relationship and a good friend. We will then be moving on to look at recognising privacy and how to keep ourselves safe. The children will also be learning about how behaviour affects others and why it is so important to be polite and respectful.

### **Religious Education**

In our first term, we will find out how to care for others and the world, and why it matters. In the second term, we will be questioning how and why we celebrate special and sacred times. We will also be learning about the Christmas Story and looking at ways different people do or don't celebrate Christmas.