

# Ladybirds Class

## Year 2: Grand Designs! Terms 1, 2 & 3

# Butterflies Class

### TOPIC

In terms 1 & 2, the children will study the lives of historical figures such as Samuel Pepys, King James I and Guy Fawkes. Alongside this, they will learn about important historical events such as Remembrance, Bonfire Night and The Great Fire of London. Children develop an understanding of how and why historical events occurred and how these have impacted upon our lives today. During this topic the children learn to place events on a timeline and sequence key events for each area studied. The children will use a variety of sources of evidence to support them in learning about the past. They will also compare our lives now and the lives of those who lived during the different historical periods. Whilst studying these topics, the children will learn about London as our capital city and where in the UK London is located.

### ART

In term one, the children will study buildings and the work of well-known architects. They will develop their knowledge of building structures whilst learning to sculpt using a variety of techniques. Strong links to the science topic of 'materials' will be made and the children will learn to use a variety of both natural and man-made materials for their sculpting such as clay and salt dough.

Cross-curricular links will be made with RE in term 2. Whilst learning about Christianity, the children will explore ways of creating stained-glass windows using a variety of mediums. This will include a visit from a stained-glass window specialist who will demonstrate the way in which they are created.

### COMPUTING

In term one the children will begin to develop and secure their basic keyboard/typing skills. They will be given opportunities to consolidate these across the curriculum. They will also learn how to use multi-media to create a range of documents. In term two, children develop their programming skills. They will begin to understand that devices respond to commands and instructions when programmed correctly. They will write and test a series of commands to control electronic devices.

### LANGUAGES

Children learn simple conversational greetings and asking / responding to questions about themselves including. 'How are you?' and discussing personal details. Revise numbers 1 - 30, colours & days of week.

### RE

#### **Hinduism -**

Children are taught to develop an understanding of how Hindus live, worship, what they believe and to recognise the importance of their symbols and Gods.

#### **Christianity -**

Children are taught to develop an understanding of the importance of Harvest Festival and Christmas to Christians. In term 3 the children will learn about religious festivals and their associated places

### PSHE

Children are taught to consider and recognise how their behaviour affects others and understand why we have rules. Other aspects of PSHE include: Solving disputes, Firework safety, Remembrance Day and an Anti-Bullying focussed day.

### DESIGN TECHNOLOGY

In term two, the children will build upon their learning in art and study well known architects and structures as well as working in groups to develop their problem-solving skills to create replicas of specific buildings. The children will learn a variety of different techniques for combining and joining materials as well as exploring the way different types of structures are designed and built to ensure strength and durability. In groups, they will then use their knowledge to design a Grand Design out of newspaper. They will construct and evaluate their design, identifying what worked well and what they would change if they were to carry out the same task again.

### SCIENCE- EVERYDAY MATERIALS/ LIVING THINGS

**Materials -** The children will learn about the properties of different materials and sort objects according to their properties. They will develop their understanding of natural and non-natural materials through observation and classification. The children will identify the suitability of different materials for particular uses such as their own Grand Designs. The children will learn to ask questions and recognise ways that they can be answered in a variety of ways. Through practical investigation, the children will explore materials which can be changed through heating, freezing, mixing, squashing and bending. As part of all practical science sessions the children will develop the skills of planning, predicting and recording their results using a range of scientific vocabulary. Throughout this unit they will make cross-curricular links in both DT and Art.

In term 3 the children will learn that animals including humans have offspring which grow into adults. They will learn about the basic needs of animals including humans for survival e.g food, water and air. The children will develop an understanding of the importance of exercise, eating the right amount of different foods and hygiene.

### MUSIC

The children will respond to and explore different musical starting points using both their voices and tuned instruments. The children will begin to learn to play the recorder and will concentrate on listening to and copying rhythm, tempo and pitch. The children will be given the opportunities to play in unison to a backing track. Christmas performance - the children will learn new songs comprising of a range of pitch, rhythm and melody and will be encouraged to respond to the music with actions and expression.

### P.E

**Games / Gymnastics -** they focus on developing hand-to-eye co-ordination through sending and receiving of different apparatus (balls, bean bags etc), and on developing body management skills such as balance.

**Dance -** children respond imaginatively to different music and then create and perform short dances to communicate different moods, including fireworks and explosion.