

## COMPUTING

### Autumn 1: Connecting Computers

Children will develop their understanding of digital devices, with an initial focus on inputs, processes, and outputs. They will also compare digital and non-digital devices.

### Autumn 2: Stop-Frame Animation

Children will use a range of techniques to create a stop-frame animation using tablets. They will apply those skills to create a story-based animation. Children will be able to add other types of media to their animation, such as music and text.

## MATHS

At Brocks Hill we follow the White Rose Maths Scheme. During maths lessons in the autumn term the children will start off by learning about **place value**. They will learn how to represent and partition numbers to 100 and then moving on to 1,000. They will also look at comparing and ordering numbers to 1,000. After this the children will learn about **addition and subtraction**; they will learn how to add and subtract two and three-digit numbers. The final topic in the autumn term is **multiplication and division**, they will look at 3,4 and 8 times tables.

## ART

Using Georgia O'Keefe as an inspiration, children apply their knowledge of pencil grades to create tone and texture to create a flower and mount this on a washed background using their knowledge of watercolour techniques.

## SCIENCE

### Animals including humans.

Children will be able to identify that humans and some animals have a skeleton for support, protection and movement. They will also learn about muscles in the body and their importance.

### States of Matter:

Children will learn the differences between solids, liquids and gases. They will begin to understand that some materials can change state when heated or cooled. Children will also look at the water cycle.

## HISTORY

### Stone Age to Iron Age.

By the end of this unit all children will know when and what the Stone Age is. They will all know that knowledge of the Stone Age was gained through interpreting artefacts. Children will all understand some changes between the Stone Age and Bronze Age, and later between the Bronze Age and Iron Age. Children will all know about civilisations in these eras.

## DT

### Sewing

Children will have had an opportunity to try and thread and needle. Children will have had a chance to practice passing the needle through material to create a stitch.

## ENGLISH

We will continue to teach through high-quality books and texts, including Billy and the Minpins, Journey, Topsy Turvy World and Stone Age Boy. Children will write for a range of purposes (diaries, letters and descriptions), using spelling rules accurately in their writing. We will teach the Year 3 grammar objectives including sentences with conjunctions, prepositions and being able to write in paragraphs. Continue to have a focus on handwriting and presentation of writing.

## PSHE

Children will learn how friendships support wellbeing and the importance of seeking support if feeling lonely or excluded. Children will explore how to build good friendships, including identifying qualities that contribute to positive friendships. They will learn that friendships sometimes have difficulties and how to manage when there is a problem or an argument between friends, resolve disputes and reconcile differences. Children will learn how everyday health and hygiene rules and routines help people stay safe and healthy. They will learn how to react and respond if there is an accident and how to deal with minor injuries.

## RE

### What do Christians learn from the Creation story?

Children will begin to understand the point of Christians: God the Creator cares for the creation, including human beings. As human beings are part of God's good creation, they do best when they listen to God.

### What is it like for someone to follow God?

To make links to why people follow God and how this impact on people living their lives. To make connections of school life and wider world life and how everything is connected to living a good life and staying away from unkindness (evil).

## GEOGRAPHY

### Is the UK the same everywhere?

Children will learn that the UK is divided into counties. They will use maps to locate major towns and cities. They will learn about key physical (mountains, rivers, seas) and human features in the capital cities of the UK. They will draw comparisons between features and weather.



*Brocks Hill*  
*Primary School*



**YEAR 3 AUTUMN TERM**

## MUSIC

### Pulse

Children will learn about an ostinato & develop this when maintaining the pulse.

### Voice

Building on previous knowledge by singing with expression and dynamics. They will also begin to sing more than one part.

## PE

A range of skills and sports:

- ✓ Gymnastics
- ✓ Netball
- ✓ Dance