

# CURRICULUM OVERVIEW

## YEAR 5 Summer

### MATHS

We will revise a number of key concepts this term, including mental and written methods for all four operations. We will also review place value and extend this to decimals. We will be exploring 2D and 3D shapes. We will classify and sort shapes using different properties. This will include new vocabulary and concepts like parallel, perpendicular and symmetrical. We will describe position by using coordinates in different quadrants as well as describing translations and reflections. We will be using protractors and pairs of compasses to help us learn about angles. We will name, measure and draw shapes with different angles. We will also calculate missing angles. We will also be delving into the world of measurement. We will learn about volume, and capacity as well as linear units of measurement. We will convert between units and solve different kinds of problems.

### ENGLISH

We will start this term by finishing our learning about observational poetry. We will then look into how to write instructions and explanations. Afterwards, we will have a big focus on fiction. Through various units we will explore the planning and writing of mystery stories so that suspense is created through vocabulary, sentence structure and composition. We will also learn about how to use a flashback for effect. We will be reading 'Carrie's War' by Nina Bawden where we will draw lots of learning together. This will link with our topic in history. During all of these units we will be extending our learning about punctuation, grammar and spelling.

### INFORMATION

Children are expected to have a complete, named P.E kit in school **at all times**. Children should have their planner and reading book in school every day.

### HOMEWORK

This term there will be English and Maths homework in addition to reading, every week.

Homework will be set on Monday and expected back in school by Friday.

If homework is not handed in on time or is incomplete it is expected that children complete homework in their playtimes and lunchtimes.

Please check your child's planner for details.

Children should be reading every night for at least 15 minutes. Please encourage your child to record a brief comment in their planner of what they have read to show that has taken place.

Please sign your child's planner each week.

### DATES

**20/5/19 – Local History Week**

**23/5/19 - Whole School Trip**

**2&3&6/5/19 – INSET/BANK Holiday**

**13/6/19 – Class Photograph**

**14/6/19 – Fullbrook Away Day**

**9/7/19 – Sports Day**

**11/7/19 – KS2 Production TBC**

**22&23&24/7/19 - INSET**

## VALUES – Teamwork & Respect

## THEME – FORCE FOR GOOD

### SCIENCE

We will start our Science learning this term learning about Forces. Children will learn and be able to explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. We will explore and measure the effects of air resistance, water resistance and friction. We will look into these forces and their actions within mechanical devices such as levers, pulleys and gears.

We will also take the opportunity of the sunshine to investigate shadows and use them to describe the 'movement' of the sun.

## Music

Improvise and compose music for a range of purposes

Listen with attention to detail and recall sounds with increasing aural memory

Play and perform in solo and ensemble contexts

This term we are going to be composing multi-layer pieces on the Djembe drums using signals. We will then briefly return to playing the ukulele in readiness for our Year 6 guitar lessons

## Languages

Listen attentively to spoken language and show understanding by joining in and responding

Begin to speak in sentences, using familiar vocabulary

Children will learn about the planets; developing their vocabulary, grammar and pronunciation

## History and Geography

Develop a secure chronological knowledge of British history

Learn about a significant turning point in British history.

As a turning point in British history we will study victory in the Battle of Britain. In this investigation, we will examine a range of historical sources to help us understand the thinking of the leaders of Nazi Germany and Britain. We will explore the impact on civilian life and try to identify the factors that contributed to the United Kingdom winning the Battle of Britain. We will also consider various 'what if....' questions.

## Year 5

## Art

To improve mastery of art and design techniques, including drawing, painting and sculpture with a range of materials.

To develop understanding of great artists and designers in history.

This term the theme of our artwork will be linked to our history topic. We will be focusing on developing the techniques and skill of printing. We will explore different methods using and applying ideas of colour and perspective.

## RE

Gather, select and organise ideas about Islam

Describe and connect some key Muslim beliefs about Allah, cultural practices and the 5 pillars.

Understand that there are accepted statements of wisdom in all cultures and religions

In this term we will revisit our understanding of Islam. We will learn about the importance of the 5 pillars of Islam which outline the core beliefs of the religion. We will also learn about 'the golden rule' – treat others as we wish to be treated.

## Computing

Use sequence, selection, and repetition in programs; work with variables and various forms of input and output

Use technology safely, respectfully and responsibly; recognise acceptable behaviour

We will develop knowledge of coding through the language of Scratch using it to solve problems. We will also be introduced to the world of Augmented Reality (AR). They will then be set the task of designing and creating a game that uses AR. In e-safety we will investigate how to be aware of bias and inaccuracy on websites. Also we will explore the issues of copyright and plagiarism.

## DT

To use research and design criteria to inform the design of innovative, functional, appealing products that are fit for purpose

Select from and use a wider range of tools and equipment to perform practical tasks

Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work

This term we will be using more resistant materials to construct a 3D model of a shelter. Children will identify a purpose and investigate appropriate materials.

## PE

To develop flexibility, strength, technique, control and balance

Compare their performances with previous ones and demonstrate improvement to achieve their personal best

Children will be working on a number of different areas in PE including dance, athletics and field games. They will develop and refine a wide range of skills. We will focus on achieving personal bests but also the values of teamwork.