

# CURRICULUM INFORMATION



## Spring Term 2019 YEAR 5 Mr Preece

Dear Parents,

Enclosed is some information about your child's class, routine and curriculum that we hope you will find useful this term. Year Five children have a Homework diary (rather than a red Reading diary), which is where homework or messages are to be recorded. Please sign these at the end of each week and record any reading at home on the individual days.

### WEEKLY DIARY OF EVENTS

In a normal week the following activities will take place:

<b>DAY</b>	<b>Things that will be happening</b>
<b>Monday</b>	Sports hall (prior to half term) Spelling test / New spellings out English homework set / Talk homework out
<b>Tuesday</b>	
<b>Wednesday</b>	Talk homework due in
<b>Thursday</b>	Big Write Outdoor Games
<b>Friday</b>	Tables test Maths homework set

# Curriculum Information

## Reading and Writing

This term in Literacy we will be covering a range of non-fiction topics:

- *Explanation texts – linked to the Water Cycle*
- *Reports – linked to Biblical stories*

We will also read and create writing in responses to two extended fiction texts:

- *Floodlands (M. Sedgwick)*
- *Stormbreaker (A. Horowitz)*

As a school we deliver writing through the Big Write, with children producing a weekly piece of extended work. This usually fits in with the unit of work being delivered but on occasion an alternative topic may be chosen. Children are asked to take home a piece of talk homework on Monday evenings, through which they discuss and prepare ideas for the given task. Any assessment focus will be explained in this piece of homework.

Children will also participate in a weekly guided reading session and are expected to be completing independent reading and quizzes (if they are on Accelerated Reader). In Year 5, the homework diary acts as a reading record. English homework (SPAG) and spellings are given out on a Monday to be completed for the following Monday. The children will also be encouraged to support younger pupils in their reading and writing, with projects such as Good Readers allowing the older pupils to act as role models.

## Maths

Throughout the term children will work daily on skills in Maths. We cover a range of topics in the Spring term:

- Multiplication and division
- Fractions
- Decimals and percentages
- Core skills: written addition, subtraction, multiplication and division

On Friday, children will be given one piece of weekly Maths homework, to be completed for the following Friday. This will be marked during the lesson to provide children with immediate feedback. The homework set may be written or to be completed via the children's MyMaths accounts (in both cases the work set will be linked to classroom learning). On Fridays we will also complete mental maths questions, times tables and extended problem-solving challenges.

## **Computing**

Following our new Computing Scheme of Work, this term we will complete work in the following ways:

### *Desktop publishing skills*

During this unit of work children will develop essential desktop publishing skills that will be relied upon in later working life. Children will learn the importance of password security and how to log on to various platforms safely. They will also learn how to send emails to a secure account and what potential threats to be aware of. We will also explore the potential of desktop publishing software to experiment with the appearance of fonts, data and how to combine text/images/videos.

### *Making AR Games*

During this unit of work, children will learn and experiment with Augmented Reality apps and technology. Using a range of digital software we will explore how AR can be used for educational entertainment purposes. Children will spend time designing and making a game, integrating AR into their projects.

## **Science**

This term the children will complete two topics, looking to develop scientific knowledge, vocabulary and hands-on investigation skills.

### Earth and Space (1<sup>st</sup> half term)

An exciting unit of work, this half term we will explore the key concepts surrounding the Earth and space. Children will learn:

- How to use models or diagrams to enable them to explain day and night.
- That the Sun is a star at the centre of our solar system and that it has eight planets.
- That a moon is a celestial body that orbits a planet.
- The way that ideas about the solar system have developed, and understand the geocentric and heliocentric models by considering the work of scientists such as Ptolemy, Alhazen and Copernicus.
- Children will work scientifically by: comparing the time of day at different places on the Earth through internet links and direct communication; creating simple models of the solar system and so on.

### Living things: plants (2<sup>nd</sup> half term)

During this unit of work, children will explore the key parts of plants and their function. Through practical work and research they will learn:

- To describe the life process of reproduction in some plants.
- To identify the pollen producing and pollen receiving parts of the flower
- To describe in detail the plants in a habitat using botanical vocabulary.
- To explore how plants have adapted to life in a variety of conditions.
- To learn about Theophrastus, John Ray and Joseph Banks and their work on plants.
- To learn about famous botanical gardens, such as Kew.
- To use knowledge of plants to design a garden, flower bed or vegetable plot.

### **Religious Education**

The children will be given some insight into the stories and the characters of the Bible, by exploring the scriptures in detail. During the term we will follow the Diocesan scheme of work 'Learning and growing as the people of God' covering four units:

- Christmas
- Parables and sayings of Jesus
- Lent
- Holy Week / Easter

We will also complete daily class worship and reflection, as well as preparing for and attending school masses. During the season of Lent, children will also be asked to participate in lunchtime prayer services, preparing resources and activities for younger children. Towards the end of the Spring term, we will use Playscripts to learn and retell the story of Jesus' crucifixion, particularly focussing on the scene where Jesus is condemned to death.

### **PE**

During the term the children will participate in indoor athletics activities. These will aim to increase stamina, control and skill in a range of physical activities. Events will be timed and children will be able to monitor their progress. Activities will include:

- Speedbounce
- Standing high jump, long jump and triple jump
- Javelin
- Relay races
- Obstacle relays

Children will also participate in Fit 4 School, where they will be able to see changes in their fitness levels from previous sessions. As older pupils, Year 5 will also be asked to support younger pupils completing such activities.

### **Geography**

Our Geography topic for this term will see the children exploring Rivers. Through the course of this unit we will:

- Use maps, atlases, globes and digital/computer mapping to locate rivers within cities and counties in the UK, countries in the continents around the world.
- Use their understanding to describe how rivers are formed; how the journey of the river progresses from source to mouth; the process of the water cycle.
- Describe and understand how settlements have been made around rivers.
- Carry out fieldwork at a local river, making observations and measurements, then recording using a range of methods, including sketch maps, plans and graphs, and digital technologies.
- Complete map work (using OS maps) to plan fieldwork visits.

## **Spanish**

**Intercultural understanding:** This term the children will be learning about Mayans, listening to traditional stories in Spanish and learning about the fascinating culture. They will be learning about ceramics, mosaics, painting and weaving also costume designs.

**Oracy/Literacy:** children in year 5 will be participating in short conversations on familiar topics including free time and hobbies. They will be learning to use the simple future tense and will be writing paragraphs using present tense and simple future tense.

## **Art and D&T**

The children will use photographs taken of a river and pencils, inks and watercolours to create observational drawings. They will begin to improve their mastery of techniques- painting and use of materials /media.

In D&T we will use safely and increasingly effectively a wider range of tools, equipment and materials. The children will continue to use constructive comments from others to improve their work.

## **Music**

To listen to a variety of pieces of music and identify how a mood is created by music and lyrics in different styles of music.

To be able to sing a song and create the right mood in that song.

To be part of a class choir and class orchestra. To learn the necessity of practice, rehearsal and improvement in order to create a performance.

## **PSHE**

This term we will be completing work on protective behaviours. This curriculum is delivered across the school and helps the children to understand the language of safety, their own rights and responsibilities, understanding their feelings/emotions and how to construct a safety network.