

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. They will also be given the opportunity to work on mental maths skills developing accurate and efficient ways of calculating. Opportunities will be provided for children to apply their understanding to a range of problem solving contexts and carry out their own investigative work.

Children will focus on lots of different areas of maths. We will reading and representing data in graphs and tables. 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 area, perimeter, volume, capacity as well as linear units of measurement. We convert between units and solve different kinds of problems.

ENGLISH

This term 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 attempt to put this learning together in a unit on myths and legends when we will focus on Robin Hood. During all of these units we will be extending our learning about punctuation, grammar and spelling.

In addition, we will also be looking into the language of persuasion. We will explore and learn to recognise and later use language and different effects to guide readers towards a viewpoint.

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

1/5/17 - May Bank Holiday

2/5/17 – Pupil Parliament

5/6/17 – INSET

21/6/17 – Sports Day

13&14/7/17 – KS2 Production Nights

VALUES – Patience & Honesty

THEME – A Moment In The Middle

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.

We will investigate the changes that take place to humans during their lifecycle.

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

History and Geography

Develop a secure chronological knowledge of British history

Learn about a significant turning point in British history.

In this unit we will start by placing the Middle Ages in context of British History. We will explore how society was organised and how people lived. We will focus on life in a castle. We then investigate Robin Hood as a figure of History and myth and his role in the events surrounding King John. This will lead to an examination of the events leading up to and following the Magna Carta. We will consider the subsequent importance of this document in British and World history.

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

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 linking with forces in Science and History. We will be investigating siege machines that were used to destroy castles. We will learn about levers, pivots, strength, stability and elastic energy. The challenge is to design and build a mechanical device that is powerful, accurate, well-made and well-designed.

RE

This term two units will be covered: 'What is the Buddhist way of life?' and 'How people express their faith through Arts', which will review different religious beliefs and their expression.

Art

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

To develop understanding of great artists, architects and designers in history.

This term we will link our Art to the Middle Ages. We will use different media to explore bestiary, gargoyles, castles, illuminated manuscripts and finally learn about mythology and the medievalism in the Pre – Raphaelites movement.

Year 5

Computing

Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content

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

Children will use ICT to support their learning –using databases, spreadsheets and presentational software. We will be developing knowledge of coding through the language of Scratch using it to solve problems. 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

PE

To develop flexibility, strength, technique, control and balance

To perform dances using a range of movement patterns

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 through REAL PE. In REAL PE children will be focusing on agility, balance and coordination. Children will be training and preparing for our school sports day and District Sports.