

## Maths

Maths is now done in classes with their normal teacher. All of the teachers will cover the same topics over the course of the year, but they may do so in differing orders and at a different pace.

We have summarised below what we consider to be the more challenging aspects of the maths curriculum and listed resources and websites that you could use to support your child's learning at home.

**Written Arithmetic:** The children need to be fluent at adding and subtracting whole and decimal numbers using written methods, long and short multiplication and division, multiplying, dividing, adding and subtracting fractions and finding percentages and fractions of amounts.

**Shape, Space and Measure:** The children need to be able to identify 3D shapes, identify, describe and represent the position of a shape following a reflection or translation in all four quadrants and know that the shape has not changed, and draw squares, rectangles and triangles using given dimensions.

**Data Handling:** The children need to be able to construct tables and bar charts, interpret pie charts, and solve problems using information presented in line graphs.

**Worded Problems:** The new curriculum puts a heavy focus on solving worded problems that involve multiple steps and operations.

**You may find the following websites helpful to support your child's learning at home:**

[www.math-aids.com](http://www.math-aids.com) a website that will allow you to generate pages of calculations and answers.

[www.nrich.maths.org](http://www.nrich.maths.org) a fantastic resource that contains many puzzles and games to challenge children.

[www.topmarks.co.uk](http://www.topmarks.co.uk) a website full of interactive games. This website is particularly helpful if your child needs to practice their times tables and quick fire recall of facts.

## Art & DT

The children will create a range of art and DT work including:

- Chalk rocket pictures
- Rainforest images
- An Anglo-Saxon house
- Greek pots and mosaics
- A multimedia Anglo-Saxon village

## RE

The religions covered in Year 5 are Christianity and Islam. Your child will study the following topics:

- Sikhism
- Christianity

## French

Children will revise words and phrases already taught, with a greater emphasis on reading and writing these. Children will also practise speaking, listening, reading and writing any newly taught vocabulary.

## Computing

In computing, the children will explore a number of skills on the I pads including researching using key words, developing their understanding of internet safety, and taking pictures/videos.

## Music

In music, the children will sing and play instruments based on a variety of songs.

## Year 5 2018-2019

## Science

The topics that the children will learn about in Year 5 are:

- Earth and Space
- Forces
- Animals, including humans
- Living things and their habitats
- Properties and changes of materials

These will be taught as science weeks at the end of each term.

## PE & Games

The children will take part in a large range of activities including:

- Football
- Tag rugby
- Hockey
- Netball
- Cricket
- Indoor and outdoor athletics
- Gymnastics
- Dance

## SPAG and Guided Reading

The new curriculum requires the children to develop a deeper understanding of the English language. They will be learning grammar skills such as using inverted commas, using expanded noun phrases and using modal verbs. They will also need to be able to recognise and use different types of phrases and clauses. Please ensure weekly spellings are worked on at home.

The main texts studied in Guided Reading *Holes*, *Journey to Jo'burg* and *Oranges in No Man's Land*. In addition to this, we will study a wide-range of age appropriate extracts and texts, including poems, newspaper articles and Shakespeare.

We still encourage the children to read a variety of texts at home and to discuss what they are reading with an adult. Please ask if you would like some help finding texts suitable for your child's reading ability.

## English

Where possible, our writing sessions will be based around our 4 main topics – Ancient Greece, Earth and Space, The Anglo-Saxons and The Rainforest.

Through these topics, the children will experience analysing and writing a number of genres, including: newspapers articles, stories, poems, non-chronological reports, storyboards, instructions, persuasive texts and letters.

The new curriculum requires the children to have a solid understanding of the structure and organisation of different types of texts. This includes being able to explain the features of the form as well as the reasoning behind punctuation and vocabulary choices.

Throughout year 5 we will also cover: carefully selecting vocabulary for effect, using conjunctions and fronted adverbials to vary sentence structures, using commas for clarity, using brackets, dashes and commas for parenthesis and using nouns, pronouns and tense accurately and consistently.

The children are also expected to use clear, joined handwriting and spell most of the words on the year 3/4 and 5/6 spelling list.