



# The Latham School

## Year 5 Curriculum Outline

Term 1 2017 - 2018

### Literacy

**Writing:** The children will practise using speech marks and punctuating sentences which contain direct speech. They will learn to recognise and use relative clauses and conjunctions in their writing and to compose both compound and complex sentences. The children will experience writing recount texts and learn how to use adverbials of time, number and place in their compositions. When writing poems, they will be encouraged to use powerful verbs and vivid adjectives. The children will practise writing instructions and be introduced to colons, semi-colons and brackets. They will also experience writing cautionary tales. Throughout the term the children will be encouraged to write in a legible, cursive handwriting style.

**Spelling:** At the beginning of every week the pupils will be given a list of spellings to learn for a test which will take place on each Friday. They will have activities that will be given as part of their homework, which will help to consolidate the spelling and meaning of each word.

**Reading:** The children will be expected to read daily [both at home and in school]. Every day they will read to the teacher either on a one to one basis or as part of a guided reading group. This term the children will have the opportunity to read a number of traditional texts by Rudyard Kipling. Furthermore, they will read some classic poems with a focus on cautionary tales.

The children will also read a variety of recount texts, mainly concerning reports of UFO sightings and hoaxes. They will also read some instructional texts. The class teacher will read stories to the class on a regular basis so that the children can learn how to read in an animated and expressive way.

## Mathematics

**Place value:** The children will learn to read numbers to 10,000, 100,000 and 1,000,000. They will also round numbers of up to 6 digits to the nearest 10, 100, 1,000 and 10,000. Roman numerals [up to 1,000] will be investigated and negative numbers.

**Addition and Subtraction:** The children will add and subtract numbers of more than 4 digits using the column method. They will also practise solving multi-step addition and subtraction problems.

**Statistics:** The children will experience reading and interpreting line graphs, drawing line graphs and using them to solve problems. They will also read and interpret tables and timetables.

**Multiplication and Division:** The children will investigate prime numbers, square numbers and cube numbers. They will also practise multiplying and dividing by 10, 100 and 1,000.

**Perimeter and Area:** The children will learn to calculate the perimeter of squares and rectangles. They will also learn how to find out the area of rectangles and compound shapes.

## History and Geography

### Geography

In the first half-term the children will study the geography topic 'Climate Zones and Biomes'. They will learn what climate means and what a biome is. The children will have the opportunity to locate different climate zones and biomes around the world and consider the features of different biomes. They will also look at how climate change is affecting the polar regions.

### History

During the second-half term the history topic will be 'Leisure and Entertainment in the 20<sup>th</sup> Century'. This looks at how different forms of entertainment developed during the past hundred years. The children will learn about the history of cinema and how football developed to become such a popular world-wide sport. They will also learn about pop music in the 1960s and how it is different to the music of today. The development of television, from its invention to today's global impact will be investigated. The children will also examine the growth of tourism and consider how technology affects people's lives today.

## Science

For the first half-term the children will study the topic 'Earth and Space.' They will learn about all the different planets that make up our solar system, finding out about the features of each planet and its position in the solar system. The children will investigate night and day and consider why the Sun appears to move across the sky. They will learn about night and day and find out about the movement of the moon.

For the second half-term the children will look at the topic 'Forces.' They will be able to identify forces acting on objects. The children will find out about gravity and investigate the effects of air resistance and water resistance. They will investigate the effects of friction and explore and design mechanisms.

## Physical Education

During the first half term, pupils will be doing football , They will learn the following football skills: travelling with the ball (dribbling), passing, heading, goal keeping and attacking and defending techniques. In addition, they will continue to learn the importance of warm up and cool down exercises.

During the second half term, pupils will be doing tag rugby. In tag rugby pupils will learn dodging skills, catching and holding a rugby ball as well as attacking and defending skills.

## Music

In music lessons the children will use i-pads to compose music. In conjunction with the history topic 'Leisure and Entertainment in the 20<sup>th</sup> Century' they will listen to and learn to sing pop songs from the 1960s. They will also practise songs for the end of term drama production.

## Swahili

This term pupils will be practising punctuating passages, expanding their vocabulary and, in particular learning how to form the singular and plural of new words. They will also develop their ability to form negative sentences. There will be a focus on doing descriptive writing.

In the second half of the term the pupils will learn how to form conditional sentences and how to incorporate them in their composition. We will also develop

skills in letter writing. Finally we will consider similes and Swahili sayings.

## PSHE

The children will reflect on what makes a good learner and consider the attitudes and skills which are required to do well in school. They will also discuss friendship and investigate ways we can help others. Environmental issues will also be considered, in connection with the geography topic 'Climate zones and Biomes.'