## <u>Class 6</u>

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## <u>Handbook 2023 – 2024</u>



#### What's included?

- Summary of each of the areas of learning ٠
- Important dates •
- Equipment needed •
- Homework days •

#### <u>Class teacher:</u>

Mr T Filby



Teaching assistants:

Mrs Philips and Mrs Williams

## **English:** In writing the children will...

Use a variety of sentence lengths, structures and subjects Use a wide range of connectives

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Full range of punctuation used accurately

Correct use of commas to mark clauses

Sentences organised into appropriate paragraphs

Paragraphs are clearly linked together

Relevant ideas and material developed with imaginative detail

Clear viewpoint established in writing

Appropriate style and form clearly adopted

Vocabulary is chosen for effect

Follow and apply spelling rules

In reading the children will...

Identify most relevant points from various points within a text

Support their comments by referring to or quoting the text

Use evidence from different points in a text to infer meaning

Draw conclusions on characters or events based on speech and actions

Comment on the structures used by authors

Identify text features and explain why they have been used by an author

Identify and explain the writers use of language Comment on the effect of the writer's use of language

Identify the main purpose of the text

Clearly identify the viewpoint in a text

Comment on similarities and differences in text types

Understand and comment on the historical or cultural context in which texts are written

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## Maths:

In mathematics the children will...

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Use negative numbers to calculate intervals across zero Divide numbers using long division, interpreting the remainders as appropriate Use order of operations to carry out calculations Use common factors to simplify fractions Compare and order fractions of any size Add and subtract fractions with different denominators and mixed numbers Multiply simple pairs of proper fractions Divide proper fractions by whole numbers Calculate decimal fraction equivalents for simple fractions Multiply a number with up to two decimal places by whole numbers Use written division with answers of up to two decimal places Solve problems involving the calculation of percentages Recall and use equivalences between fractions, decimals and percentages Solve problems using ratio using multiplication and division facts Solve problems involving similar shapes where the scale factor is known Solve problems involving proportion, using knowledge of fractions and multiples Use simple formulae Generate and describe linear number sequences Express missing number problems algebraically Convert units of measure between smaller and larger units Convert between miles and kilometres Calculate the area of parallelograms and triangles Calculate and compare volume of cubes and cuboids Illustrate and name parts of a circle Finding missing angles in triangles, quadrilaterals and regular polygons Recognise vertically opposite angles and find missing angles Describe positions on the full co-ordinate grid Translate shapes on a co-ordinate grid and reflect in the axes Construct and interpret pie charts Calculate the mean as an average

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# Science:

The type of skills the children will learn will be able to...

Plan different types of scientific enquiries

Recognise and control variables

Take accurate and precise readings using a range of scientific equipment, taking repeat readings where appropriate

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Record data of increasing complexity using tables, scientific diagrams, classification keys and graphs

Use results to make predictions and set up future comparative fair tests

Use findings from scientific enquiries to draw conclusions

Look for causal relationships in their data

Justify their ideas using scientific evidence

Discuss how scientific ideas have developed over time

Identify scientific evidence that has been used to support ideas or arguments

### The children will be learning about:

Autumn Electricity Evolution and inheritance Spring Animals including humans Living things and their habitats Summer Light Working like a Scientist

**ART**: Children will explore a range of different techniques such as drawing, painting and sculpture, and will use a variety of materials, from pencil and paint to charcoal and clay, to create their own art pieces. In addition, during Key Stage 2, children will study the works of some great artists, architects and designers from history.

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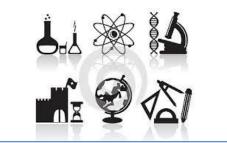
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**RELIGIOUS EDUCATION**: The children will continue to look at the different ways people worship God and important festivals. They will particularly focus on Hindu, Muslim and Christian.

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**PHSE:** These are sessions where children learn about personal and social issues that affect them or their community. This will also include our Jigsaw programme and Protective Behaviours unit of work (Details will follow later) and, as a UNICEF Rights Respecting School, we will follow the Articles from the UN convention on the rights of a child.

> MUSIC: children will perform pieces both alone and as part of a group using their own voice and a range of musical instruments, including those with tuning such as glockenspiels or keyboards. During Year 6, they will also begin to use musical notation, and to learn about the history of music as well as musical composition.

French: Children will develop understanding and responses to spoken and written language, speak with increasing confidence using new vocabulary and develop an understanding of French culture.

**GEOGRAPHY:** In Year 6, we will study local area. Our learning will consist of collecting data, forming graphs and using photos to draw conclusions. We will investigate questions to find out what the positive and negative impact of human activity is on the physical features of our environment. We will learn how to use an 8 figure grid reference and identify more complex features of maps.

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**PHYSICAL EDUCATION:** Children will perform a range of skills through Games, Gymnastics and Dance. The games will be Tag Rugby and rounders. The children will progress throughout the year developing these skills whilst working individually and in a team as well as creating their own small sided games.

> HISTORY In Key Stage 2, there are nine main areas of study that are required, some of which have optional strands. The first four are units relating to British history and are intended to begin the development of a clear chronological understanding. This year's topics will include Victorians. Later we will study Maya civilisation and powerful activists.

COMPUTING: Information technology is about the use of computers for functional purposes, such as collecting and presenting information, or using search technology. Digital literacy is about the safe and responsible use technology, including of recognising its advantages for collaboration or communication. Finally, Children will develop online safety skills and will be introduce to understanding how computers and networks work.

**DESIGN & TECHNOLOGY:** This subject includes cooking with children finding out about a healthy diet and preparing simple meals. It also includes the more traditional design elements in which children will design, make and evaluate products while learning to use a range of tools and techniques for construction.

<u>Important dates:</u>

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13<sup>th</sup> September at 5:30pm – Year 6 Residential to Arete Information session - 5:30pm

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28<sup>th</sup> September - Victorian trip to St John's Museum

2<sup>nd</sup> October – INSET Day (school closed)

18<sup>th</sup> and 19<sup>th</sup> October – Parent Evenings

23<sup>st</sup> October to 27<sup>th</sup> October – Year 6 Residential

A B Please refer to the school Newsletter for the most up to date timings and dates

Equipment needed:

PE Kit – particularly on Wednesdays and Fridays

- PE Kit Indoor PE kit consists of; black shorts, a white t-shirt or polo shirt, pumps, socks. Black jogging bottoms may be brought in for the winter. All items should be named.
- A named water bottle with water only. This must go home every night to be washed and refilled for the next morning.
- Optional personal dictionary and thesaurus kept in tray. •
- Your child does NOT need a pencil case or any stationary. •

N Homework/Home learning Days: Please refer to the separate sheet located in the front of their homework book and email previously sent to you. A A

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