



Care



Challenge



Succeed

## English

### Writing

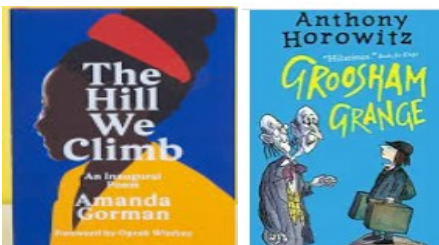
Our term will begin with a real page-turner of a book—Groosham Grange by Anthony Horowitz. Children will explore the methods used by the author to create suspense and atmosphere, before using these in their own writing. The children will become more familiar with techniques used in non-fiction writing in an essay about the city of Baghdad and in a report about the discovery of 'Otzi', a glacier mummy, in the Alps. They will then be inspired by the messages of the poem 'The Hill We Climb' by Amanda Gorman. We will be analysing the features used by the poet and considering how they impact the reader. We will then be writing our own poems about issues we feel passionate about. In this first term, there will be a real focus on presentation and taking pride in our work. It is an expectation that handwriting will be joined.

### Spellings

Spellings will be tested weekly on a Friday and new lists will be given out to practise at home.

### Reading

Reading for pleasure and enjoyment is a priority in Year 5. We eagerly anticipate exposing the children to a range of wonderful books to encourage the love of reading. Please support your child by continuing to read regularly with them at home.



## Maths

We will start our lessons in mathematics in Year 5 with learning how to read, write and order numbers up to 1, 000, 000 before moving onto rounding numbers to the nearest 10, 100, 1000.

We will then be rehearsing our addition and subtraction skills, using both mental and written methods and will explore how to solve multistep problems using these strategies.

In the second half of the term, we will be identifying different types of numbers: prime, square, cube, multiples and factors. Children will apply place value knowledge and learn how to efficiently multiply and divide numbers by 10, 100 and 1000.

Our final unit of this term will concentrate on fractions. We aim for the pupils to become more confident at comparing, ordering, adding and subtracting fractions. They will also have the opportunity to convert mixed numbers and improper fractions.

In addition to this, we will be having weekly arithmetic sessions to allow children to master the four operations of addition, subtraction, multiplication and division.

$$\frac{3}{5}$$

$$\frac{9}{4}$$

$$3\frac{4}{5}$$

### Times Table Rock Stars

Please encourage your child to practise the quick recall of number facts using TTRS.

Times tables come into many areas of



mathematics and knowing them off by heart really helps the children to show confidence in our lessons.

## History

In our first history unit, we will be finding out about an early Islamic civilization through the study of the ancient city of Baghdad. The children will explore the structure and design of this unique city and the reasons why its location was chosen.



The children will look at why the city was so significant and the legacy which it left behind. Finally, the children will learn about the demise of this city when the citizens were attacked in 1258 by the Mongolian army.

In the second half of this term, we will be learning about the British Empire. The children will learn about the motivations behind the origins of the British Empire and how it developed to become the largest empire in history. We will be going back to the time of Elizabeth I and finding out about the East India Company. The pupils will then look at the time of the 'Seven Years War', who this was fought between and the outcome.



## Geography

We will launch our geography learning by exploring our understanding of the world in a unit called 'Spatial Sense'. The children will become familiar with, and use, vocabulary such as: hemisphere, lines of longitude, lines of latitude and the prime meridian line. They will learn how to analyse and read relief maps.

We will then be looking at how mountains are formed. The children will research different mountains from around the world and make comparisons between them. A particular highlight is finding out about the discovery of 'Otzi the Iceman' in the Otztal Alps.

## Science

Science begins with an exploration of the human lifecycle and how humans change from gestation and infancy through to old age. The children will explore each stage in this process, in detail, learning the reasons for these biological changes.

We then move on to studying 'Materials' in a chemistry unit. Children will explore, through experimentation, the properties of different materials. They will find out more about reversible and irreversible changes and changes of state.

## Physical Education

In PE, this term, we will be focusing on developing the skills needed for playing games of netball. There will be a focus on improving our throwing and catching skills and applying these to competitive situations. Children will also learn how to evaluate and improve their performance.



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## Art and DT

In art, we will be exploring styles of art, in particular, those of the 'Rococo', Modernist and abstract styles. The children will explore the features of both styles and make comparisons between them. They will then use this knowledge to create their own pieces of abstract art. We know that our children really enjoy art so we are looking forward to see what they produce.



We will then move onto 'Islamic Art', which draws upon the learning and knowledge developed in history. The children will

explore the traditional techniques and methods used in Islamic art and its wider influences. We will look at examples of Islamic art in buildings such as the Taj Mahal in India and the Alhambra in Spain.



## RE

In RE, we will be finding out about the religion of 'Sikhism'. We hope to include a visit to a Sikh Gurdwara in Northampton as we know that this will be an informative experience for the children.



## Music

In our music lessons, we will be learning how to use pentatonic scales and graphic scores. We will be analyzing the piece 'The Lark Ascending' by Vaughan Williams. The children will be recording their own compositions to represent flight and performing these to the class.



## Computing

In computing, we will begin by developing the children's understanding of computer systems and how information is transferred between systems and devices. They will also explore how to search for information efficiently and safely, learning how to refine their searches to make them more precise.



## PHSE

Our first units in PHSE will focus on staying safe. The children will consider who they can trust and what they would do if they needed someone to talk to. We will also identify our personal strengths and differences and what we would like to achieve in the near and distant future.