



Oaks and Mighty Oaks Class Newsletter: Term 2



English

In reading, we will be using the acronym VIPERS to engage with texts. Pupils will work together to read a book as well as engaging with shorter non-fiction texts.

We will also be working on developing our spelling and handwriting skills through weekly lessons/daily tasks. The spelling pattern for each week will be provided for homework and set as practice on spelling shed.

We will begin the term by learning about Robert Scott's ill-fated expedition to the Antarctic and writing journal entries about his experiences. As we move closer to Christmas, we are going to use 'A Christmas Carol' as inspiration to write a persuasive letter to Mr Scrooge, encouraging him to change his ways, before writing our own persuasive letters to people. At the very end of term, we will take the book 'A Christmas Truce' and write in various styles using this as source material. Our focus this term, though based in non-fiction writing, will continue to be the development of sentence structures, particularly writing techniques that allow complex information to be conveyed concisely and meaningful.

Maths

Year 4:

Multiplication and Division

- Recall and use multiplication facts for the 6, 7 and 9 times tables.
- Recall and use division facts for the 6, 7 and 9 times tables.
- Know the effect of multiplying by 0.
- Know the effect of multiplying and dividing by 1.

Addition

- Adding ones, tens and hundreds to 4-digit numbers.

Subtraction

- Subtracting ones, tens and hundreds from 4-digit numbers.
- Subtract by finding the difference.

Maths

Year 5:

Geometry: Properties of Shape

- Identify nets of cubes, cuboids, prisms and pyramids.

Addition and Subtraction

- Use column addition for two numbers more than 4-digits.
- Use column subtraction for two numbers more than 4-digits.
- Use column addition to add 1, 2 and 3 decimal placed numbers.
- Use column subtraction to subtract 1, 2 and 3 decimal placed numbers.

Multiplication: Powers of 10

- Multiply and divide whole numbers by 10, 100 and 1000.
- Multiply decimals by 10, 100 and 100.
- Divide decimals by 10 and 100.

Multiplication: Properties of Number

- Find prime and composite numbers up to 20.
- Express products of prime factors.
- Find common factors of numbers.
- Find multiples of numbers.
- Find square numbers.
- Find cube numbers.

Maths

Year 6:

- Multiplying and dividing by 2-digit numbers.
- Finding equivalent fractions and simplifying fractions.
- Comparing and ordering fractions.
- Equivalence between fractions, decimals and percentages.
- Using the order of operations (BIDMAS) to calculate where there are multiple steps.



Children are reminded to continue practising their times tables at home using Times Table Rockstars. This year, all children in KS2 will take part in TTRS competitions!





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Science

Year 4:

This term we will be looking at the science behind materials. We will investigate the three different states of matter and how they can be changed.

We will complete multiple different experiments which will include: melting chocolate, making ice cream and making out own clouds.

Our investigations will help use to develop our ability to hypothesise, plan and conduct investigations. Following our investigation, we will need to present our results and draw conclusions from them.

Science

Year 5 and Year 6:

This term's topic begins to explore materials. We will look at how materials are selected for different purposes because of their properties. We will focus on thermal insulation, particularly looking at the properties of foam in preventing heat transfer.

We then go on to look at reversible changes such as melting and dissolving and looking at how the original substances can be reclaimed from mixtures by using sieving, magnetism, filtration and evaporation.

As usual, there will be lots of opportunities for practical work and problem solving.

RE

Year 4:

Why is Muhammad important to Muslims today?

In RE this term we are going to be learning about what Muslims learn from Muhammad and how to live a morally correct life. We will also be learning about the impact Muhammad had on the creation of the Qur'an and why it is important for Muslims to learn it in Arabic.

RE

Year 5 and Year 6:

How does Hajj show what matters to Muslims in Britan?

In this unit we want to find out about the Hajj, pilgrimage: what happens, where and why. We want to find out about the impact of going on Hajj for Muslins, while there and afterwards. We want to see how Hajj has changed and if there are any challenges to going.



PE





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RSHE

Year 4:

Our RSHE topic for this term is all about Keeping Myself Safe. We will explore the ideas of what is safe and what is unsafe, what is danger and what is risk and what is help and what is harm.

RSHE

Year 5 and Year 6:

Our RSHE topic for this term is Keeping Myself Safe. We will explore the ideas of healthy and unhealthy and whether things are worth risking or not. We will also touch on the topic of bullying.

Computing

Year 4:

Spreadsheets - This term will mainly focus on using spreadsheets which will incorporate some of our maths work. We will use spreadsheets to create timers, graphs and even place value.

Touch Typing - If time allows, we will continue our work on touch typing (using a keyboard).

Computing

Year 5 and Year 6:

Spreadsheets - This term will mainly focus on using spreadsheets which will incorporate some of our maths work. We will use spreadsheets to create basic formulae which will convert units of measurement as well as calculate area and perimeter.

If time allows, we will continue practicing our touch typing (using a keyboard).

Geography

In geography, we are going to look at the specific area of Gloucestershire that we live in, Bibury. We will think about how Bibury was in the past, present and how it could be developed for the future.

Music

In music we begin our music again in the continent of Africa using Shosholozas as our baseline.

French

In French this term we are going to learn how to describe where we live which will include explaining what our homes look like!

DT

In DT, we will be building our own shelters. We are going to incorporate our history work from last year, WW2, into our topic by investigate, design and building our own Anderson shelters.