



## Mighty Oaks Term 2 2021-22

Dear Parents,

Welcome to term 2, which is sure to be as busy as usual as we lead up to the festive season. We're looking forward to being able to take part in some traditional Christmas activities which were denied to us last year, such as the pantomime in the village hall. I also plan to start a new singing club after school focussing on festive songs and bell-ringing at lunchtime, where we will again learn some Christmas carols.

This term also includes Remembrance Day and I hope the pupils will all participate in the church service on Remembrance Sunday.

Our maths Key Instant Recall Facts for this term are split into two main parts: prime numbers and square numbers which children need to understand and recognise; being able to divide 1 by 2, 4, 5 and 10 - this introduces the idea of decimals and will help them to read decimal scales and make conversions between units of measurement later in the year. Year 6 also need to learn and use the order of operations.

Homework will continue to be set weekly, to include online tasks on Mathletics and Spelling Shed. Please also continue to encourage your child to read every day, note / discuss any new vocabulary and, where they have particularly enjoyed a book, share this enthusiasm with others by writing a review.

Mrs. Davies

### Mathematics

Multiply and divide by 10, 100 and 1000 (including decimals for year 6)

Written methods for short (x1 digit) and long (x2 digits) multiplication

Written methods for short division (year 5) and long division (year 6)

Making sense of remainders in division problems (year 6 will calculate these out as decimals where appropriate).

Understanding fractions

Proper and improper fractions and mixed numbers

Equivalent fractions

Compare and order fractions

Adding and subtracting fractions

Multiplying fractions by an integer.

Year 6 will also simplify fractions using common factors.

Year 6 using the order of operations (BIDMAS)

Daily maths skills will reinforce key areas of arithmetic.

### English

We will begin by exploring the narrative poem 'Cloud Busting' by Malorie Blackman. Our writing focus for the first part of the term is 'writing in the style of the author' for which we will be using 'The Graveyard Book' by Neil Gaiman. Later in the term, we will read sections of 'A Christmas Carol' by Charles Dickens, using this as inspiration to write a persuasive letter to Mr. Scrooge.

Our key grammar and punctuation skills for term 2 are:

1. Write sentences with the subordinate clause at the start and at the end and use commas to separate clauses where necessary.
2. Indicate degrees of possibility through the use of modal verbs e.g. **could, would, should, may**
3. Use formal and informal question tags
4. Use dashes to show afterthoughts

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.



## Science 'Material World'.

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 look at how the original substances can be reclaimed from mixtures by using sieving, filtration and evaporation.

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

Please refer to the knowledge organiser for key vocabulary and learning for this unit. We will continue to explore materials next term, when we will look at irreversible (chemical) changes.

## Topic –Geography - How is our country changing?

We will locate our area on a map of the UK and identify key topographical features. We will then begin to explore how the use of places may change and why, considering differing opinions of these changes (to include the regeneration of Stratford for the 2012 Olympics and the rebuilding of Coventry after WW2). Finally, we will look for signs of ongoing change in our local area and think about what may happen in the future. Please see the knowledge organiser for key facts.

### R.S.H.E

#### Keeping myself safe

What is a habit?

Considering and evaluating risks.

What is a 'dare' and how to resist being drawn into dares.

Understand how drugs can be helpful or harmful

Understand the norms about smoking

### R.E.

#### Was Jesus Christ the Messiah?

We will learn about the prophecies of a Messiah in the bible and why Christians believe that Jesus is the Son of God. We will consider the Christian message about Christmas, considering similarities and differences in Christmas celebrations between a Christian and non-Christian family. We will also explore our own thoughts on whether the world needs a 'Saviour' and what such a one might do now.

## Design Technology

Our DT unit this term will be divided into two parts, both focusing on designing, constructing and evaluating.

The first four weeks will be spent using K'NEX to build models that meet a design brief. This will include constructing moving vehicles and bridge structures.

For the second part of the term, we will move our focus onto woodwork skills and using technical skills and tools.

### Music

How does music connect us to our past?

Exploring musical styles and emotions.

We will learn songs, improvise and compose simple 8-bar melodies as well as learning about scales and the musical terminology for notes of different length.

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### P.E

Tag Rugby

Multi-skills

### Computing - Spreadsheets

This term, Mighty Oaks will be learning how to use spreadsheets effectively for different purposes. We will be learning lots of tricks and tips like how to convert measurements, how to use the count tool, and even how to plan an event.