

**Year 6 Newsletter**  
**Spring term**

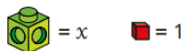
**Maths**

**Algebra**

Children begin to formally look at algebra for the first time by exploring function machines. This builds on their work in earlier years using operations and their inverses to find missing numbers.

Children learn that phrases such as "2 more than a number" can be written more simply as, for example, " $x + 2$ " or " $y + 2$ ". They also learn the convention that, for example, " $3t$ " means 3 multiplied by  $t$ ; as multiplication can represent repeated addition, this is also a simpler way of writing  $t + t + t$ .

Jo and Max are using cubes to represent unknown numbers and base 10 ones to represent 1



I have 4 lots of  $x$ , which I can write as  $4x$ .



Jo



I have  $3x$  and 2. This is  $3x + 2$

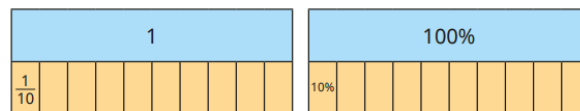


Max

**Fractions, decimals, and percentages**

Children will be exploring equivalent fractions, decimals, and percentages. They were introduced to percentages for the first time in Year 5, learning that "per cent" relates to "the number of parts per 100" and that if the whole is split into 100 equal parts, then each part is worth 1%. They will recognise that if they can find an equivalent fraction with a denominator of 100, then they can easily find percentage equivalences. Children explore examples where they are required to multiply.

The bar models show that  $\frac{1}{10}$  is equal to 10%.



Use the bar models to complete the statements.

$\frac{3}{10} = \text{---}\%$     $\frac{9}{10} = \text{---}\%$     $\frac{\square}{100} = 50\%$     $\frac{\square}{\square} = 70\%$

**Talk for Writing**

For our Talk for Writing this term, we will be focusing on 'Wild Boy' which is a suspense tale, the focus of this unit is characterisation. Over the half term, our children will gain an in-depth knowledge of the text and be able to create their own suspense tale using similar writing techniques.

**Spring 1**

**Fiction – Wild Boy** – a suspense text, the focus of the unit is characterisation.

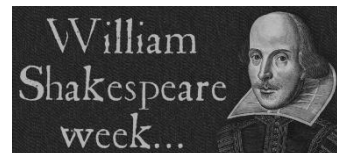
**Non-fiction – Explanation text** -  
How do bees make honey?



**Spring 2**

**Fiction – The Last Starfighter** – a portal story, the focus is action and dialogue.

We will also be taking part in Shakespeare Week and exploring a persuasive text: *Lady Macbeth's letters*.



**Science**

Within Science, we will be learning about electricity. Children will be using and recognising the electrical symbols used in a circuit. They will know that voltage is measured in volts and that the amount of volts in a circuit affects the brightness of a bulb and the loudness of a buzzer. In Spring 2, we will be learning about light, children will learn that light travels in straight lines. They will learn about light reflecting from surfaces and into the eye, which is how we see things.

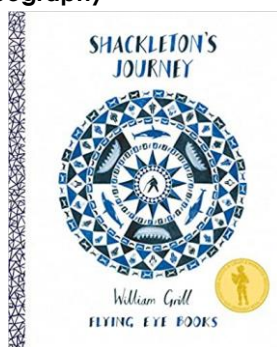
### Reading Enhanced Curriculum

Our Reading Enhanced curriculum using quality texts as a springboard for developing knowledge and inquisitiveness. This terms the key text and drivers are:

#### **Spring 1: Geography**

TEXT: Shackleton's journey

We will use the text to learn about the world's countries building on their existing knowledge of Europe. They will gain knowledge about Shackleton's expedition to Antarctica and link this to modern day Antarctica.



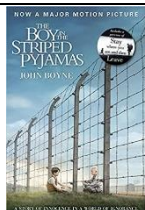
#### **Spring 1 and 2: History**

TEXT: The story of the Second World War for children

Children will study British History with the theme of conflict. They will learn about the causes of WW2, both in relation to Germany and the UK. Year 6 will understand that conflict has negative and positive consequences.



### Reading Strategy



In our reading strategy sessions, we will be building on our reading fluency, using the book 'The boy in the striped pyjamas' by John Boyle to develop the children's ability to predict, clarify, infer, summarise and sequence. These skills will be applied and developed through a range of activities using the book as a focal point.

### How could you support your child?

- Daily reading for at least 10 minutes to build fluency. Asking questions about the books your child is to build comprehension.
- Encourage the use of TT Rockstars.
- Practise all times tables

### Key up and coming dates

WC 29.01.24 Art House Games  
WC 29.01.24 LGBT History month  
WC 05.02.24 Children's mental health week  
08.02.24 Dallowgill parent information evening  
11.02.24 International Day of Women and Girls in Science  
WC 19.02.24 Luna New Year  
WC 19.02.24 Stand up to bullying  
WC 04.03.24 Women's History month  
WC 04.03.24 Holi Festival  
07.03.24 World Book Day  
WC 11.03.24 British Science Week  
WC 11.03.24 Coffee morning and family exhibition of work.  
WC 18.03.24 House Games- Easter Egg/ Easter bonnet decoration  
Educational visit to Eden Camp. Date tbc

While we always endeavour to stick to specified days and time. Changes may occur outside of our control. We will always communicate changes via weekly newsletters or our messaging system.

Thank you, The Year 6 Team – Miss Burgess and Mrs Keetley