

### Maths

This half-term we will begin by learning about the properties of a circle and how to calculate the circumference, radius and diameter.

Following that we will be looking at ratio and proportion where we will be solving problems involving the relative sizes of 2 quantities; the calculation of percentages; scale factors and how to use the bar method to solve ratio problems.

Finally, just before Easter we will be looking at algebra.

We will be:

- using simple formulae
- expressing missing number problems algebraically
- finding pairs of numbers that satisfy an equation with 2 unknowns.

To support your child, please continue to test them on their times tables and division related facts and encourage them to practise this on TTRS. Please ensure they complete their MyMaths homework where resources are available to support their learning.

### Personal, Social and Health Education (PSHE) and Religious Education (RE)

**PSHE** - We will be continuing to follow the JIGSAW scheme of work thinking about being healthy. We will discuss how we keep ourselves emotionally healthy, and learn about substance misuse. We will talk about ways in which people use substances such as alcohol as part of their lifestyle, and evaluate the health risks between responsible use, anti-social use and misuse.

**RE** - We will continue to follow the *Understanding Christianity* programme, learning about Salvation and discussing the question: what do Christians believe Jesus did to save Human Beings?

### Science

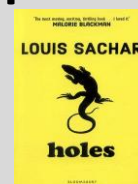
We will be learning about Animal including Humans. The children will explore the circulatory system using diagrams to explain how it works. The children will be comparing how nutrients are transported around human bodies, compared to the bodies of animals.

Linking to PSHCE work, we will also be discussing the impact of diet, exercise, drugs and lifestyle on the way their bodies function.

### Music

This half term, the children will be composing their own piece of music to be played alongside Haikus that they have written. They will explore what composition is and look at a range of famous composers.

## Year 6 Spring 2 Author Topic: Louis Sachar



### Modern Foreign Languages (MFL)

In French we will continue to:

- broaden our vocabulary and develop our ability to understand new words that are introduced into familiar written material,
- speak in sentences, using familiar vocabulary, phrases and basic language structures using the range of (-er ) verbs learnt last time. We will continue to build our writing stamina so we can both speak and write about ourselves at length. There are many good websites/apps available to support your child e.g. BBC schools, bookbox.com and Duo Lingo.

### Art

The children will be improving their sculpting skills using a range of materials. They will find out about Barbara Hepworth and the inspiration for her work, and discuss their personal response to her sculptures.

The children will then experiment with different materials before designing their own sculpture and creating it from a material of their choice. They will record their learning journey in their sketchbooks and then feed back on each other's sculptures at the end of the topic before writing an evaluation of their own artwork.

### English

We will be studying 'Holes' by Louis Sachar, which will provide us with lots of exciting writing opportunities. We have been working on cohesion and linking ideas clearly, and after reading reports on yellow-spotted lizards, the children will demonstrate these skills when writing their own fact sheet on a creature of their choice.

They will also write stories linked to escape scenes in the book, and this will be a chance for them to develop their descriptive language. We have also been learning how to use speech to advance the action in stories, so this will also be a focus for their narrative work.

Finally, the children will be working on their formal written language, and will write a letter to the camp's owner, detailing the children's experiences there.

### P.E.

In P.E. we will have two sessions a week: one outdoors, one indoors. The outdoor sessions will focus on 'Nimble Nets' and the children will find out how to play badminton by learning the rules as well as racket handling and how to win points. The indoor sessions will focus on fitness and the children will complete different circuits including a range of aerobic activities.

### Computing

This term we will continue to learn how search engines work, including how to use them safely and effectively, before researching different creatures and habitats for our non-fiction writing. We will also be developing our understanding of how to keep safe when using the internet.