

## **Maths**

### 1) Percentages and statistics (Weeks 1-2)

- Calculate and compare percentages of amounts, connected with fractions
- Calculate the mean
- Construct, interpret and compare line graphs and pie charts

### 2) Coordinates and Shape (Weeks 3-4)

- Describe, draw, translate and reflect shapes on a coordinate plane
- Recognise and construct 3D shapes
- Name and illustrate parts of a circle

### 3) Proportion problems (Weeks 5-6)

- Use fractions to express proportion
- Identify ratio as a relationship between quantities and as a scale factor
- Unequal sharing involving ratio

## **English**

We have begun our Shakespearean studies, focussed on the story of Macbeth. Pupils will write a narrative of the first scene using all their previous work on descriptive devices and ending in a cliff-hanger.

During our reading lessons we will study a selection of extracts from our class text, Goodnight Mister Tom, and non-fiction pieces linked to our topics. This work will focus on vocabulary choices, reading fluency, answering literal and inferential questions, and building a repertoire of strategies to help decipher meaning.

## **History – Conflict and Resolution**

How did the wars impact Britain and the world – what do we learn about conflict and resolution?

- How did WW1 end and what followed?
- Who was Hitler and how did WW2 begin?
- How did Hitler run Nazi Germany?
- What was the impact of the war on Germany?
- How did Britain rebuild after WW2?
- How do countries aim to maintain peace?

## **Spring 2 Topic Web**



## **Science – Evolution and Inheritance**

We will be answering the following questions through independent research, group work and investigations:

- Why is it that living things produce offspring of the same kind?
- What is DNA and what can it tell us?
- What is artificial selection?
- Why do living things become extinct?
- How is some life on Earth threatened with extinction?

## **Home Learning:**

Each week pupils are expected to practise their spellings, complete tasks on Mathletics, and continue daily reading practise resulting in three reading journal entries per week. All details will be posted on Seesaw each Friday.

## **French – La Seconde Guerre Mondiale**

Linked to our History topic, we will be studying WW2 in French! This will teach pupils how to group and order unknown vocab to help decode a French text. We will integrate new and previous knowledge to write a letter home as an evacuee.

## **Computing – Blogs**

Pupils will explore the criteria of a blog, building up to planning and writing their own blog and a subject of their choice. We will also discuss how to share post and comment on others in an appropriate and safe way.

## **Art and Design**

This half term we will be incorporating art and design into many of our curriculum subjects. This includes making model planes from WW2, mini replica Anderson shelters, interactive DNA models and artwork inspired by the stories of WW2.

## **PE - Nimble Nets**

We will be using both tennis and badminton to learn how to hit the ball/shuttle using forehand, backhand, and over head shots. We will also learn how to evaluate and adapt our play to suit our own and others' strengths, such as how to use space effectively.