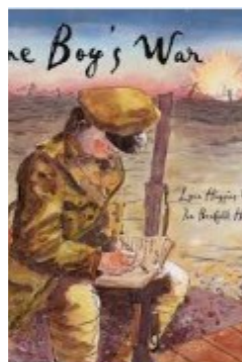


## English

### Reading

- **Retrieve** and record information and identify key details from fiction and non-fiction
- Make **inferences** from the text and to explain and justify inferences with evidence from the text



### Writing

- Use correct punctuation in all writing, including full-stops, capital letters, commas, inverted commas **colons** and **semi-colons**
- Include **fronted adverbial phrases** as sentence starters to add detail to a piece of writing
- Use **subordinating conjunctions**, such as *while, when, since, because, until, if*

## Art / DT

- To know how to cook safely, thinking about hygiene and food nutrition
- To use tools in the kitchen and measure out ingredients accurately
- To follow a recipe successfully to make a dish

### Additional Key Vocabulary:

**Mix, Stir, Fold, Chop, Slice, Simmer**

## Music (whole term topic)

- To copy and perform a rhythmic pattern expressively to a given **time signature**
- To use choose suitable **timbre** and **dynamics** with playing instruments

### Additional Key Vocabulary:

**Rhythmic Notation**

## Maths

- To investigate **multiples** and **factors** (including common)
- To learn about **prime** numbers
- To investigate **square** and **cubed** numbers
- To **multiply** and **divide** by 10, 100 and 1000
- To calculate **equivalent** fractions
- To convert between **mixed number** and **improper** fractions
- To compare and order a set of fractions
- To add fractions both smaller and greater than 1
- To add mixed number fractions
- To subtract fractions, including breaking the whole

## History / Geography

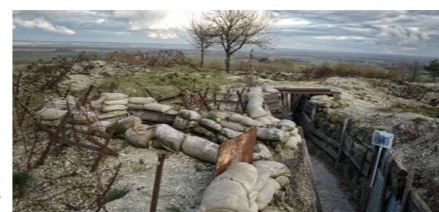
- To investigate the causes of WW1, both long and short term
- To understand what trench life was like
- To research into weapons used during WW1
- To compare what life was like during WW1 for different groups of people
- To look at the role animals played during the war
- To understand the reasons why WW1 ended

### Additional Key Vocabulary:

**Allied Powers, Western Front, Troops, Infantry, Artillery, Shellfire, Front line, No Man's Land, Conflict, Trench, Armistice**

## Autumn 2—Year 5

### WW1



## Science

- To explain the effect of **gravity** on objects that fall to the Earth
- To identify the effects of **friction** acting between two surfaces
- To identify and explain the effects of **air resistance**
- To identify and explain the effects of **water resistance**
- To recognize the impact that **levers, pulleys** and **gears** have on the amount of force needed

### Additional Key Vocabulary:

**Force, Push and Pull, Brake, Change Direction, Spring, Mechanism, Accelerate, Decelerate**

## RE (whole term topic)

- To identify key features of the **Gospel** teachings
- To make connections between the 'good news' of the Bible and how Christians live out their lives within both the community and in their own individual lives
- To investigate the story of Christmas and the role it plays in Christian's lives

### Additional Key Vocabulary:

**Parables, Miracle, Forgiveness, Sin, Christmas, Manger, Gold, Frankincense, Myrrh**

## Computing

- To understand how to create **databases** and use them to organise **data** in records.
- To create graphs and charts from data to solve problems, presenting their work to others.

### Additional Key Vocabulary:

**Fields, Records, Sort, Order, Group, Search, Value, Criteria, Compare, Filter, Chart**

## PE

- To develop key skills of **attacking** and **defending**, such as **throwing, catching, dribbling, intercepting** and **shooting**
- To work collaboratively to develop strategies and **tactics** in both attack and defence
- To learn different components of fitness, including: **speed, stamina, strength, coordination, balance** and **agility**