

### Maths

#### **Fractions, decimals and percentages**

- Use written division methods in cases where the answer has up to two decimal places.
- Solve problems which require answers to be rounded to specified degrees of accuracy.
- Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.

#### **Ration and proportion**

- Solves problems involving the calculation of percentages eg of measures and calculations such as 15 per cent of 360, and the use of percentages for comparison.
- Solves problems involving unequal sharing and grouping using knowledge of fractions and multiples.

#### **Algebra**

- Use simple formula.

### History: World War 2

- To find out what World War 2 was and where and when it took place.
- To find out what the Blitz was and which areas were most likely to be affected.
- To learn about the effects of air raids and the causes of evacuation.
- To find out about the experiences and feelings of evacuees.
- To find out what rationing was, why it was necessary and how it impacted on people's lives.
- To learn about the experiences of Jewish children during the war and that the war created many refugees.
- To consider how the war affected people's everyday lives.

### Science: Electricity

- To construct and draw series circuits using symbols
- To explore complete and incomplete circuits
- To explore variations within circuits
- To plan an experiment on voltage
- To carry out an experiment on voltage
- To evaluate the experiment on voltage
- To record data and results using scientific diagrams
- To plan different types of scientific enquires to answer questions

### Computing: Intro to Python

- Iterate ideas, testing and changing throughout the lesson and explain what their program does.
- Use nested loops in their designs, explaining why they need two repeats.
- Alter the house drawing using Python commands; use comments to show a level of understanding around what their code does.
- Use loops in Python and explain what the parts of a loop do.
- Recognise that computers can choose random numbers; decompose the program into an algorithm and modify a program to personalise it.

### French: My Town

- Use adjective to describe local town
- Ask questions to find out what facilities there are in the local town
- Write more complex sentences using intensifiers and connectives to describe my town
- Use the irregular verb "aller" (affirmative and negative form) to say where I am going in town
- Revisit prior learning to elaborate sentences on my town, its facilities, how to describe it



## **Year 6 Autumn 2 This term our topic is on: World War 2**



### Music: Songs of WW2

- Engaging in discussion about music from WW1 and WW2
- Use musical and comparative language in discussion
- Follow the melody line
- Follow the scores with a good sense of timing, showing an understanding of which section of pitch is being sung
- Singing the correct words at the correct time
- Recalling the counter-melody line

### PSHE: 1 Decision

#### Keeping/staying safe: Water safety

- Identify a range of danger signs
- Develop and name strategies that can help keep ourselves and others safe
- Recognise the impact and possible consequences of an accident or incident

#### Online safety – Making friends online

- List the key applications that we may use now and in the future
- Know and understand why some applications have age restrictions
- Identify ways to keep yourself and others safe in a range of situations online and offline
- Recognise that people may not always be who they say they are online

### R.E: Christianity

**Theme:** Christmas      **Concept:** Incarnation

**Key Question:** How significant is it that Mary was Jesus' mother?

- To explore and explain the different qualities needed for different jobs and make links to Christianity
- To understand the importance of Mary in Christianity
- To make links between the Virgin Birth and Christian beliefs about Jesus (Incarnation)
- To consider different views about the Virgin Birth and Christian beliefs about Jesus

### English

#### Persuasive Letter – Letter to Mr Scrooge

- Explore the features of persuasive writing, focusing on persuasive letters
- Explore poverty in Victorian England
- Complex sentences using subordinating conjunctions
- Use of repetition
- Adverbial phrases
- Figurative language, including: metaphors, similes, personification
- Power of 3
- Use of rhetorical questions
- Emotive language to evoke feelings from the reader
- Brackets, dashes and commas for parenthesis
- Pathetic fallacy
- Use of alliteration
- Use of inverted commas for quotes
- Use of semi-colons
- Expanded noun phrases to add detail and description
- Relative clause, including embedded clauses to add information
- Plan, draft, edit, re-draft writing

### P.E: Invasions Football

- To apply their prior learning of passing, dribbling, turning and moving, to move the ball up the pitch, creating an attack that results in a successful shot.
- Refine knowledge and understanding of defending and how different tactics can be applied during a game to prevent attacking opportunities.
- Develop understanding of the terminology relating to defending.
- Create, organise and apply formations when defending and attacking into game situations.

### DT: Structure Playground

- Create five apparatus designs, applying the design criteria to their work.
- Make suitable changes to their work after peer evaluation.
- Make roughly three different structures from their plans using the materials available.
- Complete their structures, improving the quality of their rough versions and applying some cladding to a few areas.
- Secure their apparatus to a base.
- Make a range of landscape features using a variety of materials, which will enhance their apparatus.