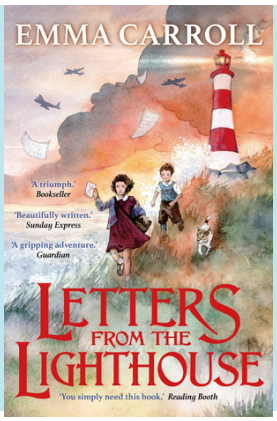
Year 6 Autumn Term

What will my child be learning?

English

Continuing to develop writing:

- Analyse formal and informal language.
- Use the Royal adjective order and using adjectives in the appropriate context
- Consolidate use of modifying verbs, modal verbs
- Consolidate possessive pronouns and relative pronouns
- Use main clause, sub-clause, compound and simple sentences
- Writing genre: narrative and balanced arguments



Science

Evolution and Inheritance

- Categorise fossils in a number of ways and compare and contrast them
- Name a variety of animal and plant fossils: explain the process of the formation of fossils.
- Name and describe plants and animal that inhabited the earth million of years ago.
- Compare and contrast the way different plants and animals have adapted to their environments.



Light

- Draw and label diagrams to show how light works and how objects are seen
- Investigate with ways that demonstrate light
- Investigating how shadows are formed



Art

- **Colour Theory & Tints, Tones and Shade**
- Perspective - background, middle ground and foreground



Computing

Online safety

- How to be safe on a computer and how to report inappropriate content
- Online behaviour and how to appropriately message on a game

Coding

- Design and programming the movement of a character on screen

Religious Education

Islam

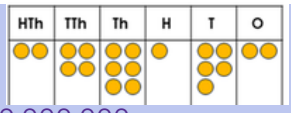
- The five pillars of Islam
- Understand what commitment is, and reflect what we are commited to in life

Christianity

- Christmas
- Incarnation

Mathematics

Place Value



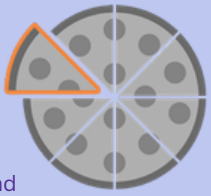
- Numbers to 1,000,000
- Numbers to 10,000,000
- Read and write numbers to 10,000,000
- Step 4 Powers of 10
- Number line to 10,000,000
- Compare and order any integers and round
- Negative numbers

Addition, Subtraction, Multiplication and Division



- Add and subtract integers
- Common Factors and multiples
- Rules of divisibility
- Primes of 100
- Square and cube numbers
- Multiply up to 4-digit numbers by a 2-digit numbers
- Solve problems with all four operations
- Short and long division
- Order of operations
- Mental calculations and estimations

Fractions



- Equivalent fractions and simplifying
- Compare and order the denoninator and numerator
- Add and subtract different fractions
- Add and subtract mixed fractions
- Multiply and divide fractions by integers and fractions
- Fraction of an amount

Converting units



- Metric measures
- Convert metric measures
- Calculate with metric measures
- Miles and kilometres
- Imperial measures

Design Technology

Make do and mend

- Join textiles with a combination of stitching techniques (such as running stitch, whip stitch and blanket stitch.)
- Repairing clothes
- Recycling

PSHE

Being me in my world

- Hopes and dreams
- Comparing wants and needs
- Rights, responsibilities, rewards and consequences
- Create a learning charter
- Self-Acknowledgement
- Role play

Differences

- Perceptions of normality
- Understanding disability
- Understanding bullying and power struggles
- Inclusion/exclusion
- Differences as conflict, difference as celebration
- Empathy

Topic

Britain at War

- Examine a variety of historical sources, including letters, photographs, and eyewitness accounts, to understand how we learn about the past.
- Develop a secure chronological understanding of key events, placing the wars within a historical timeline.
- Explore the impact of World War I and World War II on Britain and the wider world, understanding how these events shaped life today.



Music

Hey, Mr Miller

- Compose a syncopated melody using the notes of the C major scale.
- Sing and play a class arrangement of the song with a good sense of ensemble.
- Listen to historical recordings of big band swing and describe features of the music using music vocabulary.

Shadows

- Explore the influences on an artist by comparing pieces of music from different genres.
- Identify features of timbre, instrumentation, and expression in an extract of recorded music.
- Use musical knowledge and vocabulary to discuss similarities and differences in pieces of music

PE

Tag Rugby

- To understand the importance of width in order to attack.
- To develop their understanding of strategic and tactical play in tag rugby to beat and outwit an opponent
- To demonstrate an understanding of the basic rules i.e. no backwards pass + how to score a try. Running and release of the ball with active defenders.



Boccia

- To know the rules of basic game play
- To utilise accuracy of players
- To develop refereeing skills
- To develop tactics in gameplay
- To use skills and tactics effectively.

Year 6 and Whole school Events

- NSPCC Speak out Stay Safe Week
- European Day of Languages
- National Poetry Day
- Harvest Festival