## ~Curriculum Overview for Year 6

#### Writing

- To write for a range of purposes both fiction and non-fiction
  - To know the features of a formal and informal letter and to be able to use these.
  - To be able to write personal texts including recounts, diaries and autobiography and biography.
  - Be able to identify the features of various genre stories and write stories in this style e.g. science-fiction and fantasy.
  - To use a range of sentence types and paragraphs in all writing

# Number

- Negative numbers
- Number problems
- Addition and subtraction
- Rounding
- Division and multiplication including decimals and by 2 digits.
- Fractions including addition, subtraction, multiplication and division.
- Percentages.
- Ratio and Proportion

#### Algebra

Science

## **English**

#### Reading

- To develop a positive attitude towards reading a wide range of books including fiction, non-fiction and poetry.
- To be able to comprehend reading and find factual information.
- To be able to comprehend characters feelings, thoughts and motives and back this up with evidence from the text.
- Be able to identify how language, structure and presentation affect meaning.
- To use knowledge of root words, prefixes and suffixes to understand new words.

### Measure and Statistics

**Mathematics** 

- To convert between different units of metric measure.
- To understand area and perimeter.
- To calculate the area of a triangle and parallelogram.
- Find the volume of cubes and cuboids.
- Understand and interpret graphs, including pie charts.
- Use the mean, median, mode and range.

#### Geometry

 Know the properties of 2D and 3D shapes.

**Punctuation and Grammar** 

To develop understanding

main and subordinates

To extend understanding of

word types and se

Be able to use a range of

Develop and extend

vocabulary.

punctuation accurately.

structure.

and be able to use a range of

- Name the parts of a circle.
- Find missing angles in shapes.
- Use co-ordinates in the 4
   quadrants and be able to reflect,
   translate and rotate shapes.

# History

Overview of history and chronology.

# **William Amory Primary School**

## **Art & Design**

- Learn about a range of artists, including Kandinsky, Mondrian and Lowry.
- To create sketch books exploring a range of techniques with different materials, pencils, charcoal and pastels.
- To use a range of materials including, paint, knitting, poster design and collage to link with World War II
- Design and pattern activities.

## Computing

- Computer programming: to design computer programmes using scratch.
- To organise store and manipulate data though the use of excel.
- To collect and present data.
  - To develop an understanding of how to communicate safely and respectfully online.
- To know how to report concerns.
- To evaluate digital data with discernment.

# Design & Technology Geo

- Food technology, food from World War II: including coping on rations and healthy food.
- Structures: Air-raid shelter and desert island survival shelter.
- Using electrical components for models and illuminated pictures.

# Geography

- Continents and countries of the world, including their participation in World War II.
- Political and physical maps to show countries, cities and landscape.
- Links between landscape and wildlife.
- Grid referencing

Link to class reader 'Kensuke's Kingdom' by Michael Morpurgo.

# Modern Languages

- Spanish:
- Compound, complex and simple sentences.
- Singular and plural nouns
- Formal and informal greetings.
- Languages in South America.
- Food and recipes.

# Music

- Sections of the orchestra
- Basic reading of music
- Music during World War II
  Recorder playing.

- Living things and their habitats.
- Animals, including humans.
- Evolution and Inheritance
- Light
- Electricity
- Working scientifically.

- World war II in depth study:
  - The main events of the war with reference to Dunkirk and The Battle of Britain as turning points.
  - Life in Britain during the war.
  - Life in an occupied country, Anne Frank.
  - The end of the war and its consequences.

Link to class reader 'Friend or Foe' by Michael Morpurgo

# **Physical Education**

- Exploration of movement and expression through dance and gymnastics.
- Tag rugby, football, volleyball, cricket, athletics and hockey.
- Swimming.

# Religious Education

- Christian festivals: harvest, Christmas and Easter.
- The six main faiths: their beliefs, cultures and customs.
- The Jewish faith and the treatment of Jews in World War II
- Places of worship.