# **Curriculum Overview for Year 6 – SUMMER TERM – VICTORIANS**

#### **READING**

- Read a broad range of genres
- Recommend books to other
- Identifying and discussing themes and conventions in and across a wide range of writing
- Making comparisons within and across books
- Learning a wider range of poetry by heart
- Preparing poems and plays to read aloud and to perform, showing understanding through intonation.

# **English**

- Apply their growing knowledge of root words. prefixes and suffixes
- Continue to distinguish between homophones and other words which are often confused
- Use dictionaries to check the spelling and meaning of words

#### Writing genres

- Biography
- Letter
- Poetry
- Historical fiction
- Significant authors

## **Art & Design**

- to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
- about great artists, architects and designers in history.

### Computing

- understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration
  - use and combine a variety of software (including internet s) on a range of digital devices to design and create a programs, systems and content that accomplish given including collecting, analysing, evaluating and presenting
- use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

### Number/Calculation

- Secure place value to 1,000
- Use negative whole numbers in context
- Use Roman numerals to 1000 (M)
- Use standard written methods for all four
- Confidently add & subtract mentally
- Use vocabulary of prime, factor & multiple
- Multiply & divide by powers of ten
- Use square and cube numbers

### **Mathematics**

#### **Geometry & Measures**

- Convert between different units
- Calculate perimeter of composite shapes & area of rectangles
- Estimate volume & capacity
- Identify 3-d shapes and nets of 3D shapes
- Measure & identify angles
- Understand regular polygons Reflect & translate shapes
- Data
- Interpret tables & line graphs
- Solve questions about line graphs

#### **Fractions**

Compare & order fractions

**SPAG** 

and 6 in English Appendix 2

Revise all the grammar for years 5

- Add & subtract fractions with common denominators, with mixed numbers
- Multiply fractions by units
- Write decimals as fractions
- Order & round decimal numbers
- Link percentages to fractions & decimals

# **Design & Technology**

### Design, Make and Evaluate Technical knowledge

- apply their understanding of how to strengthen, stiffen more complex structures
- nd and use mechanical systems in their produc gears, pulleys, cams, levers and linkages]
- d and use electrical systems in their products [for example, es circuits incorporating switches, bulbs, buzzers and motors]
- apply their understanding of computing to program, monitor and control their products.

# Geography

nan and physical geography describe and understand key as

- physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle
- human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

# **Modern Languages**

- broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary
- write phrases from memory, and adapt these to create new sentences
- describe people, places, things and actions orally\* and in writing

### Music

- form in solo and ensemble contexts, using their voices and cal instruments with increasing accuracy, fluency, control
- d compose music for a range of purposes using the internensions of music
- listen with attention to detail and recall sounds with increasing aural
- use and understand staff and other musical notations

### Science

#### Living thing and their habitats

- describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals
- give reasons for classifying plants and animals based on specific characteristics

#### Animals including humans

- identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- recognise the impact of diet, exercise, drugs and lifestyle on the way
- describe the ways in which nutrients and water are transported within animals, including humans.

# History

- a study of an aspect of history or a site dating from a period beyond at is significant in the locality. The Victorians
- the lives of significant individuals in the past who have contribute and international achievements. Some should be used to compare aspects of life in different periods for example, Elizabeth I and Queen Victoria

# **Physical**

**Education** 

- swim competently, confidently and proficiently over a distance of at least 25 metres
- use a range of strokes effectively [for example, front crawl, backstroke
- play competitive games e.g. cricket, rugby and rounders
- perform dances using a range of movement patterns

Religious



Non – statutory

- Sikhism
  - National celebrations
- Show Racism the Red Card