#### Curriculum overview for Violet Class (Year 6)

- Read a broad range of genres
- Recommend books to others
- Make comparisons within/across books
- Support inferences with evidence
- Summarising key points from
- Identify how language, structure, etc. contribute to meaning
- Discuss use of language, inc. figurative
- Discuss & explain reading, providing reasoned justifications for views

Number & calculations

Secure place value & rounding to

10,000,000, including negatives

Use order of operations (not

All written methods, including long

Identify factors, multiples & primes

Solve multi-step number problems

Introduce simple use of unknowns

## **English**

- Use knowledge of morphology & etymology in spelling
- Develop legible personal handwriting style
- Plan writing to suit audience & purpose; use models of writing
- Develop character & setting in narrative
- Select grammar & vocabulary for
- Use a wide range of cohesive devices
- Ensure grammatical consistency

- Use appropriate register/ style
- Use the passive voice for purpose
- Use features to convey & clarify meaning
- Use full punctuation
- Use language of subject/object
- Use questions to build knowledge
- Articulate arguments & opinions
- Use spoken language to speculate, hypothesise & explore

Compare & simplify fractions

Multiply simple fractions

Divide fractions by whole

Use equivalents to add fractions

Solve problems using decimals &

Use written division up to 2dp

Introduce ratio & proportion

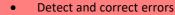
Use appropriate register & language

## **Art & Design**

- Use sketchbooks to collect, record, review, revisit and
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials
- Learn about great artists, architects & designers

## Computing

- Design & write programs to solve problems
- Use sequences, repetition, inputs, variables and outputs in



- Use the internet safely and appropriately
- Collect and present data appropriately

# **Design & Technology**

- Use research & criteria to develop products which are fit for purpose and aimed at specific groups
  - Use annotated sketches, cross-section diagrams and computer aided design
- Analyse and evaluate existing products and improve own work
- Use mechanical & electrical systems in own products including programming
- Cook savoury dishes for a healthy and varied diet

# Geography

- Name & locate counties, cities, regions & features of UK
- Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones
- Study a region of Europe, and of the Americas
- Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.
- Use 4- and 6-figure grid references on OS maps
- Use fieldwork to record & explain areas

### **Mathematics**

#### **Geometry & Measures**

- Confidently use a range of measures & conversions
- Calculate area of triangles / parallelograms
- Use area & volume formulas
- Classify shapes by properties
- Know and use angle rules
- Translate & reflect shapes, using all four quadrants

#### Data

- Use pie charts
- Calculate mean averages

# Modern

# Languages

**Education** 

- Listen & engage
- Engage in conversations, expressing opinions
- Speak in simple language & be understood
- Develop appropriate pronunciation
- Present ideas & information orally Show understanding in simple reading
- Adapt known language to create new ideas
- Describe people, places & things
- Understand basic grammar, e.g. gender

#### Music

- Perform with Control & expression Solo & in ensembles
  - •Improvise & compose using dimensions of music
  - Listen to detail and recall aurally
  - Use & understand basics of staff notation
  - Develop an understanding of the history of music, including great musicians & composers

# Science

division

indices)

- Classification, including micro-organisms
- Health & Lifestyles, incl. circulatory system
- **Evolution & Adaptation**

#### **Physics**

- Light & Shadows; the eye
- Forces, including gravity
- Electricity: investigating circuits

## **History**

**Fractions** 

numbers

percentages

#### **British History**

Significant turning points in British history

- The first railways
- The Battle of Britain

# **Physical**

- Use running, jumping, catching &
- throwing in isolation and in combination
- Play competitive games, applying basic principles Develop flexibility & control in gym, dance & athletics
- Compare performances to achieve personal bests
- Swimming proficiency

# Religious

 Continue to follow Diocesan plans

## **Education**