# **Curriculum Overview for Year 4**

### Reading

Secure decoding of unfamiliar

Read for a range of purposes Retell some stories orally Discuss words & phrases that capture the imagination Identify themes & conventions Retrieve & record information Make inferences & justify predictions

Recognise a variety of forms of poetry

Identify & summarise ideas

**Number/Calculation** 

Know all tables to 12 x 12

Secure place value to 1000

Multiply & divide mentally

Use negative whole numbers

Round numbers to nearest 10, 100

Use Roman numerals to 100 (C)

Column addition & subtraction up

Use standard short multiplication

# **English**

#### Writing

Correctly spell common homophones Increase regularity of handwriting Plan writing based on familiar

Organise writing into paragraphs Use simple organisational devices Proof-read for spelling & punctuation errors Evaluate own and others' writing Read own writing aloud

#### Grammar

Use wider range of conjunctions Use perfect tense appropriately Select pronouns and nouns for clarity Use & punctuate direct speech Use commas after front adverbials

Speaking & Listening Articulate & justify opinions Speak audibly in Standard English Gain, maintain & monitor interest of listeners

# **Art & Design**

Use sketchbooks to collect, record and evaluate

Improve mastery of techniques such as drawing, Painting, and sculpture with varied materials. Learn about great artists, architects & designers.

# Computing

Design & write programs to achieve specific goals, including solving problems

> Use logical reasoning. Understand computer networks. Use internet safely and appropriately. Collect and present data appropriately.

# **Design & Technology**

**Developing, planning and communicating ideas:** Generate ideas, considering the purposes for which they are designing.

Working with tools, equipment, materials and components to make quality products:

> Select appropriate tools and techniques for making their product. **Evaluating processes and products:** Evaluate their work both during and at the end of the assignment.

Engage in conversations, expressing opinions

Speak in simple language & be understood

Develop appropriate pronunciation

Present ideas and information orally

Show understanding in simple reading Describe people, places & things

# Geography

#### Is Europe the same all over?

Locate the world's continents and countries Use maps and atlases to focus on Europe Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom and a region in Italy.

## **Mathematics**

#### **Geometry & Measures**

Compare 2-d shapes, including quadrilaterals & triangles Find area by counting squares Calculate rectangle perimeters Estimate & calculate measures Identify acute, obtuse & right angles **Identify symmetry** 

Use first quadrant coordinates Introduce simple translations

#### **Fractions & Decimals**

Recognise tenths & hundredths Identify equivalent fractions Add & subtract fractions with common denominators Recognise common equivalents

Round decimals to whole numbers Solve money problems

> Use bar charts, **Pictogram** & line graphs

**Data** 

# Modern

Listen and engage

**Spanish** 

# Languages Music

Use voice & instruments with increasing accuracy, control

and expression

Improvise & compose music Listen with attention to detail Appreciate wide range of live & recorded music

### Science

or 1000

to 4 digits

### **Biology**

Classify living things Habitats Food chains

# Chemistry

Changes of state The water cycle

#### **Physics**

Sound as vibrations Electricity: simple circuits & conductors

# History

#### **The Romans**

- Life in Britain before the Romans
- The Roman invasion of Britain
- The impact the Romans had on Britain
- Boudicca's rebellion

# **Physical**

Understand basic grammar

# **Education**

Use running, jumping, catching and throwing in Isolation, and in combination.

Play competitive games, modified as appropriate. Develop flexibility & control in gym, dance & athletics Take part in Outdoor and Adventurous activities. Compare performances to achieve personal bests.

# Religious

## Education

- 1. The Domestic Church family
- 2. Baptism/Confirmation belonging
- 3. Advent/Christmas loving
- 4. Local Church community
- 5. Eucharist giving & receiving
- 6. Lent/Easter giving
- 7. Pentecost serving
- 8. Reconciliation building bridges

RHE – please see attachment

# The Anglo Saxons/Vikings

- -Anglo- Saxons invasions
- -Art and Culture
- -Laws and Justice
- -Viking raids and invasions

# **RHE Topics**

# <u>Autumn</u>

- Changing bodiesFeelingsLife cycles

# **Spring**

- Online safetyDrugs, alcohol and tobaccoFirst aid

# <u>Summer</u>

How to love others