### **Curriculum Overview for Year 4.**

#### Reading

- Secure decoding of unfamiliar words
- 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

Secure place value to 1000

Use negative whole numbers

Use Roman numerals to 100 (C)

Use standard short multiplication

Multiply & divide mentally

Round numbers to nearest 10, 100 or

Column addition & subtraction up to 4

### **English**

#### Writing

- Correctly spell common homophones
- Increase regularity of handwriting
- Plan writing based on familiar forms
- 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 in 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 listener

# **Art & Design**

- Use sketchbooks to collect, record and evaluate ideas
- 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**

- Use research & criteria to develop products which are fit for purpose
- Use annotated sketches and prototypes to explain ideas
- Evaluate existing products and implove own
- Use mechanical systems in own work
- Upderstand seasonality; prepare & cook mainly savoury dishes

# Geography

- Locate world's countries, focussing on Asia & Africa focus on key physical & human features
- Use 8 points of compass, symbols & keys
- Describe & understand climate, rivers, mountains, water cycle, settlements, trade links, etc.
- Use fieldwork to observe, measure & record

#### **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

#### Data

• Use bar charts, pictograms & line graph

#### 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

### Modern

## Languages

- Listen & engage
- Ask & answer questions
- Speak in sentences using familiar vocabulary
- Develop appropriate pronunciation
- Show understanding of words & phrases
- Appreciate stories, songs, poems & rhymes
- Broaden vocabulary

### 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
- Begin to develop understanding of history

## Science

#### **Biology**

- Classify living things
- Digestive system & teeth
- Food chains

#### Chemistry

- States of matter
- The water cycle

#### **Physics**

- Sound as vibrations
- Electricity: simple circuits & conductor

## History

Earliest ancient civilisations, Ancient Egypt

British History (taught chronologically)

**Broader History Study** 

• Anglo-Saxon struggle for freedom

## Physical )

### 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
- Compare performances to achieve personal hests
- Swimming proficiency at 10m (KS1 or KS2)

# Religious

### **Education**

- Beliefs and practices.Different ideas about God.
- Sacred texts and stories.