## THE HEIGHTS PRIMARY SCHOOL - CURRICULUM OVERVIEW YEAR 4

## Heights Printy

#### Reading

- Secure decoding of unfamiliar words
- Read from 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

Know all tables to 12 x 12

10. 100 or 1000

Column addition &

Secure place value to 1000

Round numbers to nearest

Use Roman numerals to 100

subtraction up to 4 digits

Multiply & divide mentally

Use standard short

multiplication

Use negative whole numbers

• Identify & summarise ideas

**Number/Calculation** 

(C)

#### **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
- User 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

### Design & Technology (LKS2)

Art & Design (LKS2)

• Use sketchbooks to collect, record and evaluate ideas

Improve mastery of techniques such as drawing,

painting and sculpture with varied materials

Lear about great artists, architects & designers

 Use & research criteria to develop products which are fit for purpose

mainly savoury dishes

- Use annotated sketches and prototypes to explain ideas
- Evaluate existing products and improve own work
  - Use mechanical systems in own work
     Understand seasonality; prepare & cook

Geography (LKS2)

Locate world's
 Countries, focusing on Europe & Americas focus on key physical & human features

Computing (LKS2)

specific goals, including solving problems.

Use logical reasoning

• Design & write programs to achieve

Understand computer networks

• Use internet safely and appropriately

Collect and present data appropriately

- Study a region of the UK (not local area)
- Use 8 points of compass, symbols & keys
- Describe & understand climate, rivers, mountains, volcanoes, earthquakes, 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 transitions

### 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

#### **Data**

 Use bar charts, pictograms & line graphs

## Languages (LKS2)

Modern

- 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 (LKS2)



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

- Changes of state
- The water cycle

#### **Physics**

- Sounds as vibrations
- Electricity: simple circuits & conductors

## History

#### **British History (taught chronologically)**

- Roman Empire & impact on Britain:
  - o Julius Caesar's attempted invasion
  - Roman Empire & successful invasion
  - British resistance, e.g. BoudiccaRomanisation of Britain

#### **Local History study**

- A study of historical significance of the local area (the past 100 years in Caversham)
- Social history

# Physical Education (LKS2)

- 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 bests
- Swimming proficiency at 25m (KS1 or KS2)

## Religious Education



Continue to follow locally-agreed syllabus for RE.