## **Curriculum Overview for Year 4**

# **English**

#### Reading

- Secure decoding of unfamiliar words Read for a range of purposes
- Retell some stories orally
- Discuss words & phrases that capture Organise writing into paragraphs the imagination
- -Identify themes & conventions
- Retrieve & record information
- · Make inferences & justify predictions Evaluate own and others'
- Recognise a variety of forms of poetry
- Identify & summarise ideas

**Number/Calculation** 

Know all tables to 12 x 12

Secure place value to 1000

Use negative whole numbers

Round numbers to nearest 10, 100

Column addition & subtraction up to

- Use Roman numerals to 100 (C)

Use standard short multiplication

Multiply & divide mentally

#### Writing

- Correctly spell common homophones
- Increase regularity of handwriting
- Plan writing based on familiar forms
- Use simple organisational devices - Proof-read for spelling & punctuation

#### 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

### **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 graphs

#### 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

# **History**

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

- -Roman Empire & impact on Britain:
- Roman Empire & successful invasion
- British resistance, e.g. Boudicca
  - Romanisation of Britain

#### **Broader History Study**

Hieroglyphics. The River Nile and its importance. Death and the afterlife. Mummification process. The discovery of Tutenkahmun's tomb.

## **Art & Design**

**Learn** about great artists, such as George Seurat.

**Improve** mastery of techniques such as drawing, painting and sculpture with varied materials.

**Design & Technology** 

of materials and components.

**Apply** their understanding of how to

strengthen structures.

Use annotated sketches and prototypes to explain ideas – Designs for Egyptian coffins, Roman shields, mosaics and

Understand how key events and individuals]in des

**Select** from and use a range

**Understand** seasonality; prepare & cook mainly savoury

**Children** will use clay and cardboard and make Roman mosaics using small pieces of tiles and wood.

# **Computing**

Design & write programs to achieve specific goals, including solving problems – Espresso coding.

**Use** logical reasoning

**Understand** computer networks **Use** internet safely & appropriately **Collect** & present data appropriately -PowerPoint presentations and Excel spreadsheets.

## Geography

Physical Geography - Describe & understand rivers. **Locate** famous rivers and lakes around the world. Read and locate river patterns using maps and digital/computer

**Describe** a river and a lake. Understand how rocks can change river flow. Understand and explain features of a

**Study** of a region of the UK and it's changes over time. **Use** fieldwork to observe, measure and record

## Modern

dishes

**Listen** & engage

Ask & answer question

Speak in sentences using familiar vocabulary

**Develop** appropriate pronunciation

coins. Sewing – money containers

technology have helped shape the world

**Show** understanding of words & phrases

**Appreciate** stories, songs, poems & rhymes

**Explore** patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words.

**Broaden** vocabulary .Write phrases from memory.

# Music

Use voice & instruments with increasing accuracy, control and expression

**Improvise** & compose music

Listen with attention to detail

Appreciate wide range of live & recorded

Begin to develop understanding of history

# Physical )

# **Education**

Languages

**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

# Religious

# Education

agreed syllabus

Northampton Diocese

**Come and See** 

-People/ Called/Judaism/Gift

-Community/Giving and Receiving/

Self-Discipline

-New life/Building Bridges/ Islam/

God's people

# Science

#### **Physics**

or 1000

4 digits

Sound as vibrations

Electricity: simple circuits & conductors

# Biology

Living things and their habitats Animals, including humans

#### Chemistry

Changes of state

Researching a project of a famous Scientist.

Ancient Egypt Locate Ancient Egypt in time and space. Egyptian gods and goddesses.