# 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 the imagination
- Identify themes & conventions
- Retrieve & record information
- Make inferences & justify predictions
- Recognise a variety of forms of poetry
- Identify & summarise ideas

**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

**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

## Art/Design

- Thomas Gainsborough – Painting landscape in pieces
- Le Corbusier – Shape Houses
- Michelangelo – Painting on the Ceiling

## Computing

- Understanding Computer Networks.
- Scratch
- Word Processing Skills
- Photo Stories
- Animation
- Turtle Logo
- Use internet safely and appropriately (E-Safety)

## Mathematics

**Number/Calculation**
- Know all tables to 12 x 12
- Secure place value to 1000
- Use negative whole numbers
- Round numbers to nearest 10, 100 or 1000
- Use Roman numerals to 100 (C)
- Column addition & subtraction up to 4 digits
- Multiply & divide mentally
- Use standard short multiplication

**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

## DT

- Design a roman shield.
- Make a 3D model of a rainforest
- Design, create and evaluate a battery operated light using scientific knowledge of electricity.

## Geography

- A detailed study of Europe.
- The Rainforest.
- Mountains

## Science

- **Working Scientifically**
- **Biology**
  Habitats and food chains/ All living things/teeth/Digestion.
- **Chemistry**
  States of matter
- **Physics**
  Electricity/ Sound

## History

- The Changing Power of Monarchy
- The Roman Empire and its impact on Britain
- Coal mining in the North East

## Spanish

- 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

**Continue to follow Charanga Scheme of work for Year 4.**

- 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

## PE

- Dance
- Attack and Defence invasion games
- Striking and Fielding
- Gymnastics
- Net and Wall games
- Athletics and Fitness

## RE

Continue to follow Discovery Re Scheme of work

In Year 4 we look at;
- Buddhism
- Christianity

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