# **Curriculum Overview for Year 3**

#### Reading

- Use knowledge to read 'exception' words
- Read range of fiction & non-fiction
- Use dictionaries to check meaning •
- Prepare poems & plays to perform •
- Check own understanding of reading
- Draw inferences & make predictions
- Retrieve & record information from non-fiction books
- Discuss reading with others

Secure place value to 100

Written column addition &

Solve number problems,

Mentally add & subtract units,

tens or hundreds to numbers of

including multiplication & simple

division and missing number

Use commutativity to help

**Number/Calculation** 

up to 3 digits

subtraction

Learn 3, 4 & 8x tab

### **English**

- Use prefixes & suffixes in spelling
- Use dictionary to confirm spellings

Writing

- Write simple dictated sentences
- Use handwriting joins appropriately
- Plan to write based on familiar forms
- Rehearse sentences orally for writing
- Use varied rich vocabulary
- Create simple settings & plot
- Assess effectiveness of own and others' writing

#### Grammar

- Use range of conjunctions
- Use perfect tense
- Use range of nouns & pronouns
- Use time connectives
- Introduce speech punctuation
- Know language of clauses
- Give structured descriptions
- Participate activity in conversation
- Consider & evaluate different

### **Mathematics**

### **Geometry & Measures**

- Measure & calculate with metric measures
- Measure simple perimeter
- Add/subtract using money in context
- Use Roman numerals up to XII
- Tell the time
- Calculate using simple time problems
- Draw 2-d / Make 3-d shapes
- Identify and use right angles
- Identify horizontal, vertical, perpendicular and parallel lines

#### **Fractions**

- Use & count in tenths
- Recognise, find & write fractions
- Recognise some equivalent fractions
- Add/subtract fractions up to <1</li>
- Order fractions with common denominator

#### Data

• Interpret bar charts & pictograms

## Science

problems

calculations



#### **Biology**

- Learn about plants, including parts, lifecycle and requirements for life
- Study animals their skeletons and nutrition Chemistry
- Classify different rock types
- Have a simple understanding of fossilisation **Physics**
- Learn about sources of light; shadows & reflection
- Study simple forces, including magnetism

### History

Children will be taught the history of the British Isles chronologically and will learn how Britain has influenced and been influenced by the wider world. **British History** 

They will:

Study the Pre-history of the British Isled focusing on the Palaeolithic period and the lives of early

The arrival of the Anglo Saxon tribes in the 5<sup>th</sup> century and their influence on life and cul post-Roman Britain.

#### **World History**

Children will carry out an in depth study of the achievements of the ancient Egyptian civilisation.

## **Art & Design**

Children will develop control and use of materials with creativity and to increase their awareness of different kinds of art, craft and design by:

- Using sketchbooks to collect, record and evaluate their ideas
- Improving mastery of techniques such as drawing, painting and sculpture with varied materials
- Learning about great artists, architects and designers, craftsmen and designers.

# **Design & Technology**

Through a variety of creative and practical activities, children will learn to:

- Use research and criteria to develop products which are fit for purpose
- Use annotated sketches and prototypes to explain their ideas
- Evaluate existing products and improve their own work
- Use mechanical systems in their work
- Understand seasonality; prepare and cook a range of dishes.

### Modern

# Languages

Children will begin to study the Spanish language to foster their curiosity and deepen their understanding of the world through:

- Listening and engaging.
- Asking and answering questions.
- Developing and using familiar vocabulary.
- Developing appropriate pronunciation.
- Showing understanding of words & phrases.
- Appreciating stories, songs, poems & rhymes.

# Physical /

## Education

Children will continue to apply and develop a broad range of skills, learning how to use them in different ways and how to improve their performance. Using the Cambridgeshire scheme of work they will:

- Use running, jumping, catching and throwing in isolation and in combination
- Play competitive games, modified as appropriate
- Develop flexibility & control in gym, dance &
- Compare performances to achieve personal bests.

### Computing

Children are taught to be responsible, competent, confident and creative users of information and communication technology. They will:

- Design & write programs to achieve specific goals, including solving problems se logical reasoning
- Understand computer networks
- Use the internet safely and appropriately
- Collect and present data appropriately

### Geography

Children will extend their knowle lge and understanding beyond the local area to include the United Kingdom, Europe, North and South America. They will:

- Be able to locate countries, focussing on Europe and the Americas
- Focus on key physical & human features of these countries.
- Study a region of the UK (not the local area)
- Use 8 points of a compass, symbols & keys
- Describe and understand climate, rivers, mountains, volcanoes, earthquakes & settlements.

### Music

Children will be inspired to develop a love of music, their talent as musicians, increase their selfconfidence, creativity and sense of achievement by:

- Using the voice & instruments with increasing accuracy, control and expression
- Improvising & composing music
- Listening with attention to detail
- Appreciating a wide range of live & recorded music
- Developing an understanding of history

Children will follow the ambridgeshire agreed syllabus for Religious Education and scheme of work for PSHCE. They will cover topics which include:

- What people believe about the creation of the
- Hoy and why churches are different.
- .How values and beliefs differ.
- Conflict resolution.
- Personal safety and drugs education.
- Diversity and community
- Bullving

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