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

Know all tables to 12

Secure place value to 1000

Use negative whole numbers

Round numbers to nearest 10,

Use Roman numerals to 100 (C)

Column addition & subtraction

Multiply & divide mentally

Number/Calculation

100 or 1000

up to 4 digits

multiplication.

Use standard short

English

Correctly spell common homophones

Writing

- Increase regularity of handwriting
- Plan writing based on familiar
- Organise writing into paragraphs •
- Use simple organisational
- 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 for clarity
- Use & punctuate direct speech
- Use commas after front adverbials
- Articulate and justify opinions
- Speak audibly in Standard
- Gain, maintain and monitor nterest of listeners.

Mathematics

Geometry & Measures

- quadrilaterals & triangles
- Find area by counting squares
- Calculate perimeters of rectangles
- Estimate & calculate measures
- Identify acute, obtuse & right angles
- Use first quadrant coordinates

pictograms

Fractions

- Recognise tenths & hundredths
- Identify equivalent fractions
- Add & subtract fractions with common denominators
- Recognise common equivalents
- Round decimals to whole numbers
- Solve money problems

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 Roman invasion of Britain and the impart of the Roman Empire o all aspects of life. The Viking raids of the ninth and tenth conturies and their struggle with the Anglo Saxon for the

Local History

Kingdom of England.

Children will study what life was like for children who were evacuated from London in WW11 to live and work in the Cambridgeshire countryside.

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 continue 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 A

Education

Children will continue apply and develop a broad range of skill in different ways to in prove 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 & athletics
- Compare performances to achieve personal bests.
- Develop proficiency in swimming 25m.

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 knowledge and understanding to include the UK, Europe, North and South America. They will:

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

Music

Children will be inspired to develop a love of music, recognise 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:

- The importance of prayer for Muslims
- The Christian church year and major festivals
- The 'saints of God' and why they are important
- Conflict resolution.
- Personal safety and drugs education. Rights and responsibilities
- Bullying
- The importance of healthy lifestyles

- Compare 2-d shapes, including

- Identify symmetry
- Introduce simple translations

Data

Use bar charts, line graphs &

Science

Working scientifically using practical methods, processes and skills, children will:

Biology

- Learn how to classify living things
- Describe the digestive system & teeth

Construct and interpret food chains Chemistry

- Classify materials as solid, liquids or gases
- Observe & record changes of state Study the water cycle

Physics

- Understand sound as vibrations
- Make simple circuits & conductors