

Curriculum Overview for Year 5 Term 1 2015 - 2016

Reading

Maintain positive attitude to reading by reading a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our heritage and books from other cultures and traditions.

Maintain positive attitude to reading by identifying themes and conventions across a range of writing.

To understand what they read by drawing inferences and justifying inferences with evidence.

To understand what they read by summarising main ideas drawn from more than one paragraph, identifying key details that support main ideas.

Discuss and evaluate how authors use language, including figurative language and discuss impact on reader.

To provide reasoned justifications for their views.

Distinguish between statements of fact and fiction.

To retrieve, record and present information from non-fiction.

To ask questions to improve understanding of what they have read.

Number and Place Value

Count on/back in 10s, 100s, 1000s from 4-digit numbers.

Compare 4-digit numbers and find a number lying 'in-between.'

Understand place value of four-digit and five digit numbers.

Understand the value of the digits in a five-digit number.

Understand the effect of, and the relationship between, the four operations.

To identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.

To multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.

To know and use the vocabulary of prime numbers, prime factors and numbers.

To establish whether a number up to 100 is prime and recall prime numbers up to 19.

English

Writing Transcription

Use prefixes and suffixes and understand guidelines for using them.

Use knowledge of morphology and etymology in spelling.

Use a thesaurus.

Write legibly and fluently.

Spell words with silent letters.

Use prefixes and suffixes.

Distinguish between homophones.

Use knowledge of morphology and etymology in spelling.

Use dictionaries to check meaning and spelling of words.

Distinguish between homophones.

Writing Composition

Plan writing by identifying audience and purpose.

Plan writing by noting and developing initial ideas, organisational and presentational devices to structure text and guide the reader.

Plan writing for narratives by considering how authors have developed characters and settings.

Perform own compositions using appropriate intonation, volume and movement.

Draft and write by selecting appropriate grammar and vocabulary.

Draft and write by using a range of devices to build cohesion within and across paragraph

Use semi colons, colons or dashes to mark boundaries between clauses.

To evaluate and edit by ensuring the consistent and accurate use of tense.

Ensure correct verb and subject agreement.

Mathematics

Properties of Shape

To know angles are measured in degrees; measure angles, writing their sizes in degrees.

To identify angles at a point and one whole turn 360.

To identify angles at a point on a straight line and $\frac{1}{2}$ a turn 180.

To identify multiples of 90 degrees.

Measurement

To understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.

To measure and calculate the perimeter of squares and rectangles in centimetres.

To calculate and compare the area of squares and rectangles including using standard units

To calculate the area of rectangles using standard units.

To convert between different units of measure.

To solve problems involving addition and subtraction of units of length

To calculate the perimeter of squares and rectangles.

To calculate and compare the area of rectangles including using standard units, square centimetres and square metres.

Art & Design

- Improve mastery of drawing through still life observations.
- Develop observational skills
- Develop awareness of shape, size, form and scale.
- adapt and refine our work
- Experiment with colour and tone.

Computing – e-safety & coding

- Use technology safely, respectfully and responsibly.
- Recognise acceptable/unacceptable behaviour.
- Identify a range of ways to report concerns about content and contact.
- Learn the basic principles of coding.

Design & Technology

- Consider function in design
- Understand that a cam will change rotary motion into linear
- Consider the characteristics of toys with a cam mechanism.
- Make a prototype to test out design ideas
- Cut and join with accuracy to ensure a good-quality finish to the product
- Evaluate finished product and design

Geography

Use geographical questions

Develop awareness of how places relate to each other

Use and interpret atlases and maps

Use secondary sources

Use geographical vocabulary to identify main physical and human features

Develop the use of fieldwork skills

Recognise the features that make locations suitable for settlement

Collect, record and analyse data

Use and interpret maps and plans

To make maps

Use four and six-figure grid references, symbols and key to build their knowledge of the United Kingdom and the wider world.

Modern Languages – French

- Listen attentively to spoken language and show understanding by joining in and responding
- Speak in simple language and be understood
- Develop appropriate pronunciation
- Understand basic grammar – gender
- Vocabulary for numbers, weather, school, town
- School equipment
- Masculine and feminine article

MUSIC

- Appreciate and understand a wide range of high quality live and recorded music drawn from different traditions and musicians
- Listen with attention to detail and recall sounds with increasing aural memory
- Improvise and compose music for a range of purposes using interrelated dimensions of music
- Play and perform in solo and ensemble contexts, using voices and playing musical instruments

Science

Unit 1: Animal including Human Beings

- Describe the changes as humans develop from birth to old age.
- Communicate data using a scatter graph
- Use date to support or refute an idea
- Record data within tables.
- Present conclusions
- Record data using line graphs.
- Plan an enquiry to answer a scientific question

History – Vikings

- Place Viking period within a chronological framework
- Understand how our knowledge of the past is constructed from a range of sources
- Understand reasons why people migrate and how they choose a location to settle.
- Understand everyday Viking life
- Find out about Viking longships
- Find out where and when Vikings raided and settled in Britain

Physical Education – Football

- Play competitive games and apply basic principles suitable for attacking and defending
- Develop technique, control and balance
- Compare their performances with previous ones and demonstrate improvement to achieve their personal best

Religious Education

- Understand what worship means to Christians
- Consider role of church in Christian worship
- Learn about aspects of Anglican worship
- Learn about aspects of Methodists worship
- Understand the Eucharist as a symbol of Christian faith
- Know some of the principles ceremonies of a faith