

Year 4 Overview-Core Curriculum

Literacy

Reading

- Secure decoding of unfamiliar words
- Read for a range of purposes
- Retell some stories orally
- Discuss words and phrases that capture the imagination
- Identify themes and conventions
- Retrieve and record information
- Make inferences and justify prediction
- Recognise a variety of forms of poetry

Writing

- Correctly spell common homophones
- Increase regularity of handwriting
- Plan writing based on familiar forms
- Organise writing in paragraphs
- Use simple organisational devices
- Proof-read for spelling and punctuation errors
- Evaluate own and others' writing
- Read own writing aloud

Grammar

- Use wider range of conjunctions
- Use perfect tense appropriately
- Select nouns and pronouns for clarity
- Use and punctuate direct speech
- Use commas after front adverbials

Speaking and listening

- Articulate and justify opinions
- Speak audibly in Standard English
- Gain, maintain and monitor interest of listeners

Numeracy

Number / Calculation

- Know all tables to 12 x 12
- Secure place value to 100,000
- Use negative whole numbers
- Round numbers to nearest 10, 100 or 1000
- Use Roman numerals to 100 (C)
- Column addition and subtraction up to 4 digits
- Multiply and divide mentally
- Use standard short multiplication
- Begin to use short division

Geometry and measures

- Compare 2-D shapes, including quadrilaterals and triangles
- Find area by counting squares
- Calculate rectangle perimeters
- Estimate and calculate measures
- Identify acute, obtuse and right angles
- Identify symmetry
- Use first quadrant coordinates
- Introduce simple translations

Fractions

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

Data

- Use bar charts, pictograms and line graphs

Science

Life processes and living things

Animals including humans

- Digestive system and teeth
- Diet and nutrition
- Skeletons and muscles

Materials and their properties

States of matter

- Changes of state
- Evaporation and condensation
- The water cycle

Physics

Sound

- Sounds and vibrations includes, pitch, volume and how sound travels

Light

- Sources of light; shadows and reflections