Curriculum Overview for Year 4

English

Reading:
Secure decoding of unfamiliar words
Read for a range of purposes
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

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

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

PSHE

- Health and wellbeing
- Relationships
- Living in the wider world

Art & Design

Use sketchbooks to collect, record, review and revisit ideas
Improve mastery of drawing, painting and sculpture techniques with varied materials, including reclaimed materials
Learn about the work of great artists, architects and designers

Computing

Design, write & debug programs to achieve specific goals, including solving problems
Use logical reasoning
Use internet safely and appropriately
Collect and present data appropriately
Use search technologies effectively

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

Design & Technology

Develop products which are fit for purpose
Use annotated sketches and pattern pieces to explain ideas
Investigate and analyse existing products
Use paper and card, textiles and electrical circuits in their work
Prepare and cook mainly savoury dishes
Understand how key events and individuals in DT have helped shape the world

Geography

Use world maps, atlases and globes
Recognise and describe key physical and human geographical features of different localities
Locate some countries, capital cities and key physical features of South America
Understand equator & tropics, vegetation belts/biomes
Geographical study of Brazil
Use 8 points of compass, 4 figure grid references and symbols and keys on OS maps
Use fieldwork to observe, measure and record

Modern Languages

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

Further develop sense of pulse, rhythm, pitch, mood and structure thorough a vocal-aural approach.
Use voice and instruments with increasing accuracy, control and expression
Improvise & compose music
Use and understand musical notation
Listen with attention to detail
Appreciate a range of live and recorded music

Science

- Use practical scientific methods, processes and skills

Living things and their habitats:
- Classify living things and use keys to group, identify and name a variety of living things.
- Changing environments

Animals including humans:
- The skeleton and digestive system
- Construct and interpret food chains

States of Matter:
- Classify materials as solids, liquids and gases
- Changes of state and the water cycle

Sound:
- Sound as vibrations

Electricity:
- simple circuits (including switches) and conductors

History

- **British History (taught chronologically)**
- Britain's settlement by Anglo-Saxons and Scots (Anglo-Saxon invasions, settlements and kingdoms: place names and village life)
- The Viking and Anglo-Saxon struggle for the Kingdom of England (Viking raids and invasion)

Physical Education

- Use running, jumping, catching and throwing in isolation and in combination
- Play competitive games applying basic principles of attacking and defending
- Develop flexibility, strength, technique & control in gym, dance & athletics
- Compare performances to achieve personal bests
- Take part in outdoor/adventurous activities
- Swimming proficiency at 25m

Religious Education

What does it mean to be a Hindu in Britain today?
What can we learn from religions about deciding what is right and wrong?
Why is Jesus inspiring to some people?
Why are festivals important to religious communities? Eid focus
Why do some people think that life is like a journey and what significant experiences mark this?