# Curriculum Overview for Year 4

### Reading

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.

Secure decoding of unfamiliar words.

### Speaking and Listening

Articulate & justify opinions.

Increase regularity of handwriting. Organise writing into paragraphs. Proof reading for grammar, spelling & Evaluate own and others' writing. Read own writing out loud. Fiction Focuses. Stories by the same author-David Walliams Stories from other cultures—Folk Tales. Adventure stories Cressida Cowell. Stories from imaginary worlds Roald Dahl.

Myths and Legends. Non-Fiction Focuses: Instruction and explanation texts. Information texts Non-chronological

Letter writing. Persuasive writing Advertisements Art & Design

Use sketchbooks to collect, record and evaluate ideas running throughout the whole academic year. Improve mastery of techniques including drawing sketches and drawing techniques, painting and sculpture ancient jewellery with varied materials. Learn about great artists, architects & designers.

We will look at a range of Water Artists and artists from around the world in International Week.

Computing

Algorithms & Programs - design & write programs to achieve specific goals, including solving problems and using logical reasoning
Databases - understand computer networks and using library databases. E Safety - use the internet safely and appropriately during an E Safety Week. Data Retrieving, Organisation & Presentation

collect & present data appropriately.

Speak audibly in Standard English. Gain, maintain & monitor interest of listeners.

Number/Calculation

Know and rapidly recall tables to 12×12. Secure place value to 1000. Use negative whole numbers. Round numbers to nearest to, 100 or 1000.

Use Roman numerals to 100. Column addition & subtraction up to 4 digits. Multiply & divide mentally.

Use standard short multiplication.

### Geometry & Measures

Compare 2-d shapes, including quadrilaterals ND triangles. Find area by counting squares and through calculation. Calculate rectangle perimeters.
Estimate and calculate measures. Identify acute, obtuse and right angles. Identify symmetry.
Use first quadrant coordinates. Introduce simple translations. Use bar charts, pictograms and line graphs

### Fractions and Decimals

Poetry Focuses Creating images in poems,

Shape poems.

Humorous poems,

Traditional poems,

Performance poetry,

Use wider range of conjunctions

Select pronouns and nouns for

Use & punctuate direct speech

Continue to revise word classes

Use commas after front adverbials

Use tenses appropriately

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.

### Design & Technology

Use research & criteria to develop products which are fit for Use annotated sketches and prototypes to explain ideas. Evaluate existing products & improve own work

Use mechanical systems in own work Looms, Christmas Decorations, Viking boats,

Understand seasonality; prepare and cook mainly savoury dishes. Food Tasting,-International Week, Healthy Week.

## Geography Locate world's countries, focu

focus on key human and physical features Use 8 points of compass, symbols and keys. Learn about equator, Tropics and other geographical notations.

Describe and understand climate, rivers and the water cycle Use fieldwork to observe, measure and compare in the local environment

Comparative study of Fenland and Holland water systems

# Modern Foreign Language

### <u>French</u>

Listen and engage Ask and answer questions Speak in sentences using familiar vocabulary Develop appropriate pronunciation Show understanding of words & phrases Appreciate stories, songs, poems & rhymes Broaden vocabulary

### Music

Use voice and instruments with increasing accuracy, control and expression nprovise and compose music isten with attention to detail Appreciate a wide range of live and recorded Begin to develop an understanding of musical

Look at music from around the world during international week

Making own instruments during our science topic

of sound

### Physical Education

Use running, jumping, catchin owing in isolation and in

Play competitive games

Develop flexibility and control in gym, dance and athletics Compare performance to achieve personal best Swimming proficiency at 25m

### Religious Edu

Islam: finding out what it means to be a Muslim and the places that are special to them.

Tesus: looking at his life and teachings

Commitment and Belonging: examining what it means to have faith and belong to a religion and about pilgrimages.

## Science

Habitats: Classifying living things and studying their habitats, using keys. Examining food chains and webs looking at producers, predators and prey.

Studying animals including humans: to be able to describe the simple function of the basic parts of the digestive system.

States of matter: compare and group materials together, according to whether they are solids, liquids or gases.

Sound: Recognise the vibrations from sounds travel through a medium to the ear and how these can be changed and manipu-

Electricity: to be able to construct a simple series electrical circuit, identifying and naming its basic parts.

### History

Anglo-Saxons: looking at all aspects of life of the Anglo-Saxons and the influence that these have had on our life

The Vikings - Viking raids and invasion . Resistance by Alfred the Great and Athelstan, first king of England. Further Viking invasions and Danegeld. Viking laws and Edward the Confessor and his death in 1066.

Local Study, learning about the draining of The Fens, comparing to the landscape of the Netherlands and understanding the local effects on human and physical geography.