



Curriculum Overview for Year 2

Mathematics

Number/Calculation

- Know 2, 5, 10x tables
- Begin to use place value (T/U)
- Count in 2s, 3s, 5s & 10s
- Identify, represent & estimate numbers
- Compare / order numbers, inc. < > =
- Write numbers to 100
- Know number facts to 20 (+ related to 100)
- Use x and + symbols
- Recognise commutative property of multiplication

Geometry & Measures

- Know and use standard measures
- Read scales to nearest whole unit
- Use symbols for £ and p and add/subtract simple sums of less than £1 or in pounds
- Tell time to the nearest 5 minutes
- Identify & sort 2-d & 3-d shapes
- Identify 2-d shapes on 3-d surfaces
- Order and arrange mathematical objects
- Use terminology of position & movement

Data

- Interpret simple tables & pictograms
- Ask & answer comparison questions
- Ask & answer questions about totalling
- Fractions
- Find and write simple fractions
- Understand equivalence of e.g. $\frac{2}{4} = \frac{1}{2}$

Computer Science

- Understand use of algorithms
- Write & test simple programs
- Use logical reasoning to make predictions
- Digital Literacy
- Organise, store, retrieve & manipulate data

- Communicate online safely and respectfully
- Recognise uses of IT outside of school

Herts for Learning Scheme units:

Starting Research, Getting Creative, Talking & Sharing

Computing

English

Reading

- Develop phonics until decoding secure
- Read common suffixes
- Read & re-read phonic-appropriate books
- Read common 'exception' words
- Discuss & express views about fiction, non-fiction & poetry
- Become familiar with & retell stories
- Ask & answer questions; make predictions
- Begin to make inferences

Writing

- Spell by segmenting into phonemes
- Learn to spell common 'exception' words
- Spell using common suffixes, etc.
- Use handwriting joins appropriately
- Use appropriate size letters & spaces
- Develop positive attitude & stamina for writing
- Begin to plan ideas for writing
- Record ideas sentence-by-sentence
- Make simple additions & changes after proof-reading

Grammar

- Use . ! ? , and ' , and '
- Use simple conjunctions
- Begin to expand noun phrases
- Use some features of standard English

Speaking & Listening

- Articulate & Justify answers
- Initiate & respond to comments
- Use spoken language to develop understanding

Science

Every Term includes Scientific Investigation

Biology

- Differentiate living, dead and non-living
- Growing plants (water, light, warmth) – observe & describe how seeds & bulbs grow into mature plants.
- Basic needs of animals & offspring
- Simple food chains & habitats, including micro habitats
- Find out about the different kind of plants & animals in the local environment to relate life processes to animals & plants that are found there.

Chemistry

- Identify and compare uses of different materials
- Compare how things move on different surfaces



Religious Education

- Revelation, The Church, Celebration, Life in Christ
- Diocesan Units
- 'Come and See' topics (*Autumn Year B, Spr & Sum Year C*)
- School Masses, Rosary assemblies
- Advent - The Nativity

- Lent- Holy week- Easter
- Class assemblies, Meditation

PSHE and Citizenship

- rules for and ways of keeping physically and emotionally safe
- to recognise how their behaviour affects other people
- how to contribute to the life of the classroom



History

Key Concepts

- Changes beyond living memory (linked to national life and international achievements)

Key Individuals

- Lives of significant historical figures, including comparison of those from different periods
- Significant local and national people

Key Events

- E.g. Great Fire of London and first aeroplane flight,
- Events of local and global importance

Design & Technology

- Design purposeful, functional & appealing products
- Generate, model & communicate ideas
- Use range of tools & materials to complete practical tasks
- Evaluate existing products & own ideas
- Build and improve structure & mechanisms
- Understand where food comes from

Physical Education

- Master basic movement, e.g. running, jumping, throwing, catching, balance, agility and co-ordination
- Participate in team games
- Perform dances using simple movement
- Tae Kwon-do
- Paralympics Sports
- Outdoor Adventures

Modern Foreign Language

Taught across the curriculum by the class teacher

Geography

- **Locational Knowledge:** study and name continents as well as oceans; equator
- **Place Knowledge:** geographical features of the United Kingdom and a non-European country (China) to compare it with the United Kingdom.
- **Human and Physical Geography:** physical geography (beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather) and human geography (city, town, village, factory, farm, house, office, harbour, shop)
- **Geographical Skills and Fieldwork:** using globes, world maps, aerial photographs and plan perspectives to recognise landmarks and basic human and physical features.

Music

- Use voices expressively & creatively by singing songs and speaking chants and rhymes
- Play tuned & un-tuned instruments musically
- Listen to & understand live and recorded music
- Make and combine sounds musically

Classics

- To learn about Greek & Roman Myths
- c-c English
- Titans and the first Gods
- Story of Zeus – *changing shape*
- Children of Zeus – *Athene, Apollo, Hephaestus, Ares, Artemis, Dionysus*
- Story of Midas, *who displeased Dionysus*

Art & Design

- Use a range of materials
- Use drawing, painting and sculpture
- Develop techniques of colour, pattern, texture, line, shape, form and space
- Learn about range of artists, craftsmen and designers