Year 6 Curriculum Overview

English

Reading

- Read a broad range of genres
- Recommend books to others
- Make comparisons within/across books
- Support inferences with evidence
- Summarising key points from texts
- Identify how language, structure, etc. contribute to meaning
- Discuss use of language, including figurative
- Discuss & explain reading, providing reasoned justifications for views

Writing

- Use knowledge of morphology & etymology in spelling
- Develop legible personal handwriting style
- Plan writing to suit audience & purpose; use models of writing
- Develop character & setting in narrative
- Select grammar & vocabulary for effect
- Rehearse sentences orally for writing
- Use a wide range of cohesive devices
- Ensure grammatical consistency

Grammar

- Use appropriate register/style
- Use the passive voice for purpose
- Use features to convey & clarify meaning
- Use full punctuation
- Use language of subject/object

Speaking and Listening

- Use questions to build knowledge
- Articulate arguments & opinions
- Use spoken language to speculate, hypothesise & explore
- Use appropriate register & language

Mathematics

Number/Calculation

- Secure place value & rounding to 10,000,000 including negatives
- All written methods, including long division
- Use order of operations
- Identify factors, multiples & primes
- Solve multi-step number problems

Algebra

- Introduce simple use of unknowns

Geometry and Measures

- Confidently use a range of measures & conversions
- Calculate area of triangles/parallelograms
- Use area & volume formulas
- Classify shapes by properties
- Know and use angle rules
- Translate & reflect shapes, using all four quadrants

Data

- Use pie charts
- Calculate mean averages

Fractions, decimals & percentages

- Compare & simplify fractions
- Use equivalents to add fractions
- Multiply simple fractions
- Divide fractions by whole numbers
- Solve problems using decimals & percentages
- Use written division up to 2 decimal places
- Introduce ration & proportion

Art and Design

- Use sketchbooks to collect, record and evaluate ideas
- Improve mastery of techniques such as drawing, painting, and sculpture with varied materials
- Learn about great artists, architects and designers

Computing

- Design and write programs to solve problems, including designing an app
- Use sequences, repetition, inputs, variables and outputs in programs
- Detect & correct errors in programs
- Understand uses of networks for collaboration & communication
- Be discerning in evaluating digital content

Design Technology

- Use research & criteria to develop products which are fit for purpose and aimed at specific groups
- Use annotated sketches, cross-section diagrams & computer-aided design
- Analyse & evaluate existing products and improve own work
- Use mechanical & electrical systems in own products, including programming (Electronic games)
- Cook savoury dishes for a healthy & varied diet
- Compare to Viking dishes

Geography

- Name & locate counties, cities, regions & features of UK & wider world
- Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones
- Study a region of Europe
- Understand biomes, vegetation belts, land use, economic activity, distribution or resources, etc.

I'm a Y6 pupil, get me out of here:

- Use 4-figure grid references on OS maps, symbols & key/8 point compass
- Use fieldwork to record & explain areas in local area

Modern Languages

- Listen and engage
- Engage in conversations, expressing opinions
- Speak in simple language & be understood
- Develop appropriate pronunciation
- Present ideas & information orally
- Show understanding in simple reading
- Adapt known language to create new ideas
- Describe people, places & things
- Understand basic grammar, e.g. gender

Music

- Perform with control & expression solo & in ensembles
- Improvise and compose music using dimensions of music
- Listen to detail and recall aurally
- Use & understand basics of staff notation
- Develop an understanding of the history of music, including great musicians & composers

Science

Biology

- Classification, including micro-organisms - Could Spiderman really exist?
- Health & Lifestyles, including circulatory system – what would a journey through your body look like?
- Evolution & Adaptation – Have we always looked like this?
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Physics

- Light & Shadows; the eye – How can you light up your life?
- Electricity: investigating circuits – Could you be the next Nintendo apprentice?

History

British History (taught chronologically)

- **An extended period study, e.g. Vikings**
  The Viking & Anglo Saxon Struggle for the Kingdom of England

Broader History Study

- **Non-European society,**
  Ancient Egypt – How can we re-discover the wonders of Ancient Egypt?
  Why was the Islamic Civilisation around AD900 known as 'the Golden Age'?

Physical Education

- Use running, jumping, catching and throwing in isolation and in combination
- Play competitive games, applying basic principles
- Develop flexibility and control in gym, dance and athletics
- Take part in Outdoor & Adventurous activities
- Compare performances to achieve personal bests
- Swimming proficiency at 25m

Religious Education

- Inspirational people
- Christmas – Prophecies
- Islam
- Easter
- Peace & Suffering
- Buddhism