Curriculum Overview for Year 5

Reading

Apply knowledge of morphology &
Secure spelling, inc. homophones, etymology when reading new words Reading & discuss a broad range of Use a thesaurus genres & texts

- Identifying & discussing themes
- Make recommendations to others purpose Learn poetry by heart
- Draw inference & make predictions atmosphere in narrative
- Discuss authors' use of language Retrieve & present information
- Pormal presentations & debates

☑ Secure place value to 1,000,000

Use negative whole numbers in

2 Use Roman numerals to 1000 (M)

Use standard written methods for

Confidently add & subtract mentally

Use vocabulary of prime, factor &

Multiply & divide by powers of ten

Use square and cube numbers

from non-fiction texts.

Number/Calculation

all four operations

English

Writing

prefixes, silent letters, etc.

- Legible, fluent handwriting Plan writing to suit audience &
- Develop character, setting and
- Use organisational & presentationa features
- Use consistent appropriate tense Proof-reading
- Perform own compositions

Grammar

Use expanded noun phrases Use modal & passive verbs Use relative clauses Use commas for clauses Use brackets, dashes 8 commas for parenthesis

Speaking & Listening

 Give well-structured explanations Command of Standard English Consider & evaluate different

viewpoints Use appropriate register

Design & Technology (UKS2)

Art & Design (UKS2)

revisit & evaluate ideas

materials

designers

• Use sketchbooks to collect, record, review,

Improve mastery of techniques such as

Learn about great artists, architects &

drawing, painting and sculpture with varied

- 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 & improve own work
 - Use mechanical & electrical systems in own products, including programming
- Cook savoury dishes for a healthy & varied diet

Computing (UKS2)

- Design & write programs to solve problems
- 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

counties, cities,

Mathematics

Geometry & Measures

- Convert between different units Calculate perimeter of composite shapes & area of rectangles
- Estimate volume & capacity Identify 3-d shapes
- Measure & identify angles Understand regular polygons

Reflect & translate shapes Data

Interpret tables & line graphs Solve questions about line graphs

Fractions

- Compare & order fractions Add & subtract fractions with common denominators, with mixed numbers
- Multiply fractions by units
- Write decimals as fractions
- Order & round decimal numbers Link percentages to fractions &
- decimals

Geography (UKS2)

- Name & locate regions & features of Uk
 - Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones
 - Study a region of Europe, and of the Americas
 - Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.
 - Use 4- and 6-figure grid references on OS maps
 - Use fieldwork to record & explain areas

Modern

Languages (UKS2) Music (UKS2)

- Listen & 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

- Perform with control & expression solo & in ensembles
- Improvise & compose 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

context

multiple

Life cycles of plants & animals (inc. mammal, insect, bird, amphibian)

Describe changes as humans develop & mature

Chemistry

- Classify materials according to a variety of properties Understand mixtures & solutions
- Know about reversible changes; identify irreversible

Physics

Understand location and interaction of Sun, Earth & Moon

Introduce gravity, resistance & mechanical forces

History (Taught throughout KS 2)

British History

Anglo-Saxons & Vikings, including:

- · Roman withdrawal from Britain; Scots invasion
- Invasions, settlements & kingdoms Viking invasions; Danegald **Edward the Confessor**

Broader History Study

Ancient Greece, i.e.

A study of Greek life and achievements

Physical

Education (UKS2

- Use running, jumping, catching and throwing in isolation and in combination
- Play competitive games, applying basic principles
- Develop flexibility & control in gym, dance &
- Take part in Outdoor & Adventurous activities
- Compare performances to achieve personal bests
- Swimming proficiency at 25m (KS1 or KS2)

Religious

Education (KS2)

- How believers live
- **Inspiring people Journey of Life**
- **Christian Worship**
- Faith and its influence on life
- Caring for the world
- Belief in God
- Judaism, Islam and Muslim religions

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