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 •Legible, fluent handwriting genres & texts
- Identifying & discussing themes
- Make recommendations to others
 Develop character, setting and
- Learn poetry by heart

Number/Calculation

all four operations

Confidently add & subtract

1,000,000

context

mentally

•Secure place value to

- Discuss authors' use of language
- •Retrieve & present information from non-fiction texts.
- Formal presentations & debates

Use negative whole numbers in

•Use Roman numerals to 1000 (M)

•Use standard written methods for

Use vocabulary of prime, factor &

•Multiply & divide by powers of ten

•Use square and cube numbers

English

Writing

- prefixes, silent letters, etc.
- Use a thesaurus
- Plan writing to suit audience & purpose
- atmosphere in narrative
- •Draw inference & make predictions •Use organisational & presentational •Command of Standard English 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 clause.
- Use brackets, dashes & commas for parenthesis

Speaking & Listening

- •Give well-structured explanations
 - Consider & evaluate

different viewpoints

Use appropriate register

Art & Design (UKS2)

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

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

Design & Technology (UKS2)

- 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
- Cook savoury dishes for a healthy & varied diet

Geography (UKS2)

- Name & locate counties, cities, 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

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

Modern

Languages (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

Music (UKS2)

- 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

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 & athletics
- Take part in Outdoor & Adventurous activities
- Compare performances to achieve personal bests
- Swimming proficiency at 25m (KS1 or KS2)

Religious

(Education

Continue to follow locallyagreed syllabus for RE

Science **Biology**

- 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 &
- •Introduce gravity, resistance & mechanical forces

History

British History (taught chronologically)

- 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 and their influence on the western world