Curriculum Overview for Year 6

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, inc. figurative

Secure place value &

negatives

indices)

Algebra

 Discuss & explain reading, providing reasoned justifications for views

Use order of operations (not

English

Use knowledge of morphology & etymology in spelling

 Develop legible personal handwriting style

Writing

- Plan writing to suit audience & purpose; use models of writing
- . Develop character & setting in narrative
- Select grammar & vocabulary for effect
- •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 & Listening
- •Use questions to build knowledge
- Articulate arguments & opinions
- Use spoken language to speculate vpothesise & explore •Use appropriate

register & language

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

Mathematics

Geometry & Measures

- . Confidently use a range of measures & conversions
- parallelograms
- Use area & volume formulas
- . Know and use angle rules
- •Identify factors, multiples & primes •Translate & reflect shapes, using all four quadrants

Fractions, decimals & percentages

- Compare & simplify fractions
- Use equivalents to add fractions
- Multiply simple fractions
- ·Divide fractions by whole
- Solve problems using decimals & percentages
- •Use written division up to 2dp
- Introduce ratio & proportion

numbers

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 owr 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

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

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

Continue to follow locallyagreed syllabus for RE

Number/Calculation

- rounding to 10,000,000, including
- Calculate area of triangles / All written methods, including long

 - Classify shapes by properties
- Solve multi-step number problems

- Introduce simple use of unknowns
 ◆Use pie charts
 - Calculate mean averages

Science Biology

- Classification, including micro-organisms
- Health & Lifestyles, incl. circulatory system
- Evolution & Adaptation

Physics

- •Light & Shadows; the eye
- Forces, including gravity
- ·Electricity: investigating circuits

History

British History (taught chronologically)

- An extended period study, e.g.
 - The changing power of monarchs
 - Significant turning points in British history
 - Crime & punishment
 - Leisure

Broader History Study

- · Non-European society, i.e.
- Islamic civilization, including Baghdad
- Mayan civilization
- Benin (West Africa)

Created by Michael Tidd 2013

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