Carleton House Curriculum Overview for Year 6

Reading

- Read a broad range of genres
- Recommend books to others
- Make comparisons within/across
- Support inferences with evidence
- Summarising key points from texts
- Identify how language, structure, etc.
 Develop character & setting in contribute to meaning
- Discuss use of language, inc. figurative

Number/Calculation

reasoned justifications for views

Secure place value & rounding to

10,000,000, including negatives

• Use order of operations (not

• All written methods, including long

• Identify factors, multiples & primes

• Solve multi-step number problems

• Introduce simple use of unknowns

English

Writing

- Use knowledge of morphology & etymology in spelling
- Develop legible personal handwriting
- Plan writing to suit audience & purpose; use models of writing
- narrative
- Select grammar & vocabulary for effect
- Use a wide range of cohesive devices
- Discuss & explain reading, providing
 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 guestions to build knowledge
- Articulate arguments & opinions
- Use spoken language to speculate, hypothesise & 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
- 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 average

Fractions

- 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 2dp
- •Introduce ratio & proportion

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

Spanish (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

Science

division

indices)

Algebra

Biology

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

Physics

- Light & Shadows; the eye
- Forces, including gravity
- Electricity: investigating circuit

History (UKS2)

British History (taught chronologically)

- An extended period study.
- Significant turning points in British history
 - Leisure in the 20th Century from 1930s Life in Britain from 1930s

Broader History Study

Ancient Egypt

Physical ₂

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

Religious

Education

- Loving God who never stops loving
- Vocation & commitment The vocation of priesthood and religious life
- Expectations Jesus born to show God to the world Sources. The Bible, the special book for the Church
- Unity Excharist enables people to live in communion.
- Death & new life Celebrating Jesus' death & resurrection
- Witnesses The Holy Spirit enables people to become witnesses
- Healing Sacrament of the Sick
- Common good Work of the worldwide Christian family

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