

Curriculum Overview for Year 6 Cycle 2

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
- Discuss & explain reading, providing reasoned justifications for views

rounding to 10,000,000, including

•All written methods, including long

•Identify factors, multiples & primes

•Solve multi-step number problems

•Introduce simple use of unknowns

•Use order of operations (not

Number/Calculation

•Secure place value &

negatives

division

indices)

Algebra

EnglishWriting

- 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
- 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,
 hypothesise & explore
 Use appropriate
 - Use appropriate
 register & language

Art & Design

- 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

- 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

Understand latitude, longitude, Equator,

hemispheres, tropics, polar circles & time zones

Mathematics

Geometry & Measures

- Confidently use a range of measures & conversions
- •Calculate area of triangles / parallelograms
- •Use area & volume formulas
- Classify shapes by properties

Calculate mean averages

•Know and use angle rules

Data

•Use pie charts

 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 numbers
- Solve problems using decimals & percentages
- •Use written division up to 2dp
- •Introduce ratio & proportion

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 owproducts, including programming

(Languages

Cook savoury dishes for a healthy & varied diet

Engage in conversations, expressing opinions

Speak in simple language & be understood

Adapt known language to create new ideas

Develop appropriate pronunciation

Show understanding in simple reading

• Understand basic grammar, e.g. gender

Present ideas & information orally

Describe people, places & things

Music

Geography

Study a region of Europe

American Study

- 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

- Mixture s, solutions, irreversible changes. (Chemistry)
- Earth, Space, gravity resistance and forces.
- Micro-organisms (Biology)
- Evolution and Adaptation (Biology)
- Light and Shadow (Physics)

History

- Broader History
- British History (significant turning point in British History)
- British History Study

Physical

Modern)

Listen & engage ¹

Education

- Use running, jumping, catching

 and throwing in isolation
 - and throwing in isolation and in combination
- Play competitive games, applying basic principles
 Develop flexibility & control in gym, dance &
- 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

Follow the Catholic agreed syllabus for RE 'Come and See'