Curriculum Overview for Skills for Year 6

Reading

- Read a broad range of genres
- Recommend books to others
- Make comparisons within/across books
- Summarising key points from
- Identify how language, structure, etc. contribute to meaning
- Discuss use of language, inc. figurative

Number/Calculation

long division

indices)

primes

problems

Discuss & explain reading, for views

• Secure place value & rounding to

All written methods, including

Use order of operations (not

Identify factors, multiples &

Solve multi-step number

10,000,000, including negatives

English

Writing

- Use knowledge of morphology & etymology in spelling
- Develop legible personal handwriting style
- Support inferences with evidence Plan writing to suit audience & purpose; use models of writing
 - Develop character & setting in narrative
 - Select grammar & vocabulary for
 - Use a wide range of cohesive devices
- providing reasoned justifications 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

Fractions, decimals & percentages

Compare & simplify fractions

Multiply simple fractions

Divide fractions by whole

Solve problems using decimals

Use written division up to 2dp

Use equivalents to add fractions

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

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 own
- products, including programming Cook savoury dishes for a healthy & varied diet

Geography

- Name & locate counties, cities, regions & features of
- 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

- 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 averages • Introduce simple use of unknowns

Modern

Languages

- 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

- Perform with control & expression solo & in ensembles
- mprovise & compose using dimensions of
- 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

- pes of scientific enquiries to Planning different answer questions, including variables where necessary.
- Taking measurement, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings where
- Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar
- Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other
- Using test results to make predictions to set up further comparative
- Identifying scientific evidence that has been used to support or refute ideas or arguments.

History

numbers

& percentages

Introduce ratio &

proportion

- Chronological Understanding(including Timelines)
- Historical Enquiry (using a range of sources/evidence)
- Historical Interpretation (Using key questions)

Knowledge and Understanding of past

events, people and change.

(Look at evidence)

Organisation and Communication (include key dates

Physical

Education

- 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 locally- agreed syllabus for RE