Curriculum Overview for Maple Class (year 5/6): Year B

English Art & Design Computing Non-Fiction Narrative Poetry Rousseau (link to rainforests) Programming Computational thinking • Monet v Cezanne (landscapes) Traditional Stories Explanations • Choral and • Self-Portraits Communication • Modern Fiction - Charlie and • Arguments performance poetry Creativity • The Power of Imagery the Chocolate Factory • Journalistic Writing Productivity (If I had wings) See attached sheet for objective Design & Technology overviews. Geography • Global Foods • Textiles - Felt Phone • South America (rainforest, rivers and the Cases water cycle) Mathematics Across Key Stage 2 the children are set for maths. We follow the National Curriculum 2014. Music Modern Languages See attached sheet for objective overviews. Children learn to play the recorder, All children in Key Stage 2 attend read music, plan performances and weekly German lessons attend weekly singing sessions History • Theme in British history -Science Crime and Punishment since The Romans Living things and habitats Non-European Society -**Physical Education** • Animals, including humans Mayan Civilization Religious Education Evolution • Use running, jumping, catching and throwing in isolation • Judaism • Play competitive games, applying basic principles • Develop flexibility & control in gym, dance & athletics · How should believers live? • Take part in Outdoor & Adventurous activities • How and why do believers care • Compare performances to achieve personal bests for others and the world? Swimming proficiency

Year 5

English

Reading

- Apply knowledge of morphology & etymology when reading new words
- Reading & discuss a broad range of genres & texts
- Identifying & discussing themes
- Make recommendations to others
- Learn poetry by heart
- Draw inference & make predictions
- Discuss authors' use of language
- Retrieve & present information from non-fiction texts
- Formal presentations & debates

Writing

- Secure spelling, inc. homophones, prefixes, silent letters, etc.
- Use a thesaurus
- Legible, fluent handwriting
- purposeDevelop character, setting and

Plan writing to suit audience &

- Develop character, setting and atmosphere in narrative
- Use organisational & presentational 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 clauses
- Use brackets, dashes & commas for parenthesis

Speaking & Listening

- Give well-structured explanations
- Command of Standard English
- Consider & evaluate different viewpoints
- Use appropriate register

Mathematics

Number/Calculation

- Secure place value to 1,000,000
- Use negative whole numbers in context
- Use Roman numerals to 1000 (M)
- Use standard written methods for all four operations
- Confidently add & subtract mentally
- Use vocabulary of prime, factor & multiple
- Multiply & divide by powers of
- Use square and cube numbers

Geometry & Measures

• Convert between different units

- 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

<u>Statistics</u>

- 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
- Order & round decimal numbers
- Link percentages to fractions & decimals

• Secu

- Secure place value & rounding to 10,000,000, including negatives
- All written methods, including long division
- Use order of operations

Number/Calculation

- Identify common factors, multiples & prime numbers
- Solve multi-step number problems

Algebra

- Use simple formulae
- Express missing number problems algebraically
- Generate and describe linear number sequences

Year 6

English

Reading

- Read a broad range of genres
- Recommend books to others
- Make comparisons within/across books
- Support inferences with evidence
- Summarise key points from texts
- Identify how language, structure, etc. contribute to meaning
 Discuss use of language, inc.
- figurativeDiscuss & explain reading, providing reasoned justifications for views

Writing

- 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 devicesEnsure 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 register & language

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

Statistics

- Use pie charts
- Calculate mean averages

Fractions, decimals and percentages

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