Curriculum Overview for Maple Class (year 5/6): Year A Examples of text types which may be covered English Art & Design Computing • Self-portraits Computer Science (STEM) Non-Fiction Poetry Narrative • Could art have been used as a weapon in Word Processing Explanations • Choral and WWI and II? (propaganda art) Traditional Stories • Persuasive Writing • Can a pot tell a story? (Greek pottery) performance poetry Digital Literacy Modern Fiction Journalistic Writing • The Power of Imagery • Non-Chronological Reports • Recounts (diary entries) See attached sheet for objective Design & Technology overviews. • Can you create a meal which Geography could have been eaten What makes the Earth rattle? during WWII? • Are there seven reasons to live near the Moving Toys - Cam, River Severn? pulleys, levers, linkages **Mathematics** Modern Languages - French Music See attached sheet for objective overviews. Children learn to play the recorder, Friends and Family Our school read music, plan performances and attend weekly choir sessions All around town On the move Going shopping Science History What was the effect of • Earth and Space - Why is it daytime in Australia when it is night-time here? World War I and II on **Physical Education** Religious Education Light - How do we see? the Forest of Dean? • Use running, jumping, catching and throwing in isolation • Forces - What has Isaac Newton got to do with What would it have and in combination Why do Hindus want to be good? forces? been like to be a child • Play competitive games, applying basic principles • Creation and Science - conflicting or complementary? Properties and changes of materials - Can • What do Christians believe Jesus did to 'save' people? • Develop flexibility & control in gym, dance & athletics growing up in Ancient • For Christians, what kind of King is Jesus? you take the salt out if the sea? • Take part in Outdoor & Adventurous activities Greece? • How does faith help people when like gets hard? • Compare performances to achieve personal bests • Living Things and Their Habitats - Could Swimming proficiency Spiderman really exist?

Year 6

English

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
- Plan writing to suit audience & purpose
- 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

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
- Calculate perimeter of composite
- shapes & area of rectangles

Mathematics

- Estimate volume & capacity
- Identify 3-d shapes
- Measure & identify angles
- Understand regular polygons
- Reflect & translate shapes

Statistics

- Interpret tables & line graphs
- Solve questions about line graphs

- Add & subtract fractions with mixed numbers
- Multiply fractions by units
- Write decimals as fractions
- Order & round decimal numbers
- decimals

Fractions

- Compare & order fractions
- common denominators, with

- Link percentages to fractions &

- Read a broad range of genres
- Recommend books to others

Reading

- 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. figurative
- Discuss & 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 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 register & language

Mathematics

Number/Calculation

- Secure place value & rounding to 10,000,000, including negatives
- All written methods, including long division
- Use order of operations
- Identify common factors, multiples & prime numbers
- Solve multi-step number problems

<u>Algebra</u>

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

- **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 & percentages
- Use written division up to 2dp
- Introduce ratio & proportion