



STUDY GUIDE

Year 7 Mathematics

TERM 1

Assessment

A task
Mental computation
End of Term Test

7th week of Term
Last week of Term
Last week of Term

Chapter	Strand Sub-Strand	Content Description
Number 1 Chapter 1 (2 weeks)	Number and Algebra Real Numbers	<ul style="list-style-type: none">★ Express one quantity as a fraction of another.★ Connect fractions, decimals and percentages and carry out simple conversions.★ Find percentages of quantities and express one quantity as a percentage of another.★ Justify choice of written, mental or calculator strategies for solving specific problems including those involving large numbers.
Area Chapter 2 (2 weeks)	Measurement & Geometry Using Units of Measurement	<ul style="list-style-type: none">★ Establish the formulas for areas of rectangles, triangles and parallelograms and use these in problem solving.★ Use area formulas for rectangles and triangles to solve problems involving areas of surfaces.
Probability Chapter 3 (2 weeks)	Statistics and Probability Chance	<ul style="list-style-type: none">★ Discuss the meaning of probability terminology (for example probability, sample space, favourable outcomes, trial, chance events and experiments).★ Construct sample spaces for single-step experiments with equally likely outcomes★ Express probabilities in common and decimal fractional and percentage forms.★ Understand the advantages and limitations of calculating theoretical probabilities.
Money Chapter 4 (2 weeks)	Number and Algebra Money & Financial Mathematics	<ul style="list-style-type: none">★ Find percentages of quantities and express one quantity as a percentage of another.★ Use authentic problems to express quantities as percentages of other amounts.★ Apply the unitary method to identify 'best buys' situations, such as comparing the cost per 100g.
Review Chapter 5 (2 weeks)	All of above	All of above