



STUDY GUIDE

Year 10 Mathematics

TERM 2

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
Quadratics Chapter 6 (3 weeks)	Number and Algebra Patterns and Algebra	★ Expand binomial products and factorise monic quadratic expressions using a variety of strategies.
Solving Equations Chapter 7 (3 weeks)	Number and Algebra Linear & Non-linear Relationships	★ Solve linear equations involving simple algebraic fractions. ★ Solve simple quadratic equations using a range of strategies.
Chance Chapter 8 (2 weeks)	Statistics & Probability Chance	★ Describe the results of two- and three-step chance experiments, both with and without replacements, assign probabilities to outcomes and determine probabilities of events. Investigate the concept of independence. ★ Use the language of ‘ifthen’, ‘given’, ‘of’, ‘knowing that’ to investigate conditional statements and identify common mistakes in interpreting such language.
Review Chapter 10 (2 weeks)	All of above	All of above