STUDY GUIDE

Year 7 Mathematics   TERM 2

Assessment

A task	7th week of Term
Mental computation	Last week of Term
End of Term Test	Last week of Term

Chapter	Strand **Sub-Strand**	Content Description
Number 2 Chapter 6 (2 weeks)	Number and Algebra **Real Numbers**	★ Compare fractions using equivalence (by using a fraction wall or a number line). ★ Solve problems involving addition and subtraction of fractions. ★ Multiply and divide fractions.
Algebra Chapter 7 (2 weeks)	Number and Algebra **Patterns and Algebra**	★ Introduce the concept of variables. ★ Move fluently between algebraic and word representations. ★ Create algebraic expressions and perform substitutions. ★ Identify order of operations. ★ Apply the commutative and associative laws to algebraic terms and expressions.
Volume Chapter 8 (2 weeks)	Measurement & Geometry **Using Units of Measurement**	★ Calculate volumes of rectangular prisms. ★ Investigate volumes of cubes and rectangular prisms. ★ Establish and use the formula $V = l \times b \times h$. ★ Understand and use cubic units when finding volumes of cubes and rectangular prisms.
Coordinates Chapter 9 (2 weeks)	Number and Algebra **Number & Place Value** **Linear & Non-linear Relationships**	★ Compare, order, add and subtract integers. ★ Given coordinates, plot points on the Cartesian plane, and find coordinates for a given point. ★ Plot points from a table of integer values. ★ Recognise simple patterns, such as points that lie on a straight line.
Review Chapter 10 (2 weeks)	All of above	All of above