



Year 7 Homelink

Term Two

Subject Area	Classwork/Homework	Period of Study	Examined
Number 3: Decimals and Calculation Handling Data 2: Data Collection and Charts, Algebra 3: Sequences and Functions, Geometry 3: Properties of Shapes and Construction, Number 4: Fractions, Decimals, Percentages, Ratio and Proportion, Algebra 4: Solving Equations	Chapter 3, Course text. Order of Operations, Exercises 6 and 7. Estimation, Exercise 10 p.83. Review, p.85. Decimal operations p.72. Ex. 4	2 weeks	Practice questions from text. Class Test at End of January
	Bar and Pie charts and diagrams: Exercises 5, 6 and 7, Chapter 15. Frequency diagrams	2 weeks	Homework and Class Test
	Factors, Multiples, Primes, Decomposition. Simple sequences and the nth term. Ex. 3 p.218. Ex. 6 p.229 Simple linear functions.	2 weeks	Exercises from text Class test
	Simple idea of symmetry. Geometric construction. Angles and shapes	1 week	Homework and Class Tests
	Exercises, chapter 6 Ratio, chapter 7	2 week	Homework and Class Tests
	Operations and use of brackets Solution of equations. Exercises 12, 13, and 14	2 weeks	March End of Term One Exam

Assessment Criteria

Assessment criteria	Percentage Value
Homework	20%
Class work	20%

Attendance	5%
Participation	5%
End of Term Examination	50%

Course Outline and Attainment Targets Year 7

Term 2

Curriculum Area	Duration of Study	Attainment Target
<p>Number 3:</p> <p>Decimals and Calculation</p>	2 weeks	<ul style="list-style-type: none"> ◆ To round up or down after division depending on the context.# ◆ To round positive whole numbers to the nearest 10, 100 or 1000. ◆ To round decimals to the nearest whole number or one decimal place. ◆ To round positive numbers to any given power of 10. ◆ To round decimals to any number of decimal places. ◆ To understand and use the relationships between the four operations, and the principles (not the names) of the arithmetic laws. ◆ To understand addition, subtraction, multiplication and division as they apply to whole numbers and decimals. ◆ To know how to use the laws of arithmetic and inverse operations. ◆ To know and use the order of operations including brackets. ◆ To use doubling and halving. ◆ To use partitioning to multiply a 2 digit number by a 1 digit number mentally. ◆ To consolidate and extend mental methods of calculation to include decimals, fractions and percentages. ◆ To solve simple word problems mentally (FDP). ◆ To make and justify estimates and