

Year 7 Maths

Semester 2 Course Outline

In Year 7 Mathematics this semester, students will be studying units on Fractions, Decimals, Percentages, Equations, Measurement and Probability. The semester 2 assignment will be on Fractions, to help reaffirm and strengthen skills learnt this semester. A major focus throughout this semester will be mathematical thinking, communicating and the further development of foundation numeracy skills.

Learning Outcomes

Students will be assessed on the following Learning Outcomes:

- 6.245 - Connects, fractions, decimals and percentages
- 6.258 - Locates fractions and integers on a number line
- 6.254- Solves problems using the properties of angles
- 6.247- Makes connections between the powers of 10 and the multiplication and division of decimals
- 6.260- Adds, subtracts and multiplies decimals and divides decimals where the result is rational
- 7.283 - Solves problems involving length and area
- 7.284 - Names the types of angles formed by a transversal crossing parallel line
- 6.254 - Solves problems using the properties of angles
- 7.280 - Solves simple linear equations and evaluates algebraic expressions after numerical substitution
- 7.268 - Solves problems involving percentages and all four operations with fractions and decimals
- 7.269 - Compares the cost of items to make financial decisions
- 7.278 - Uses fractions, decimals and percentages, and their equivalences
- 7.282- Names the types of angles formed by a transversal crossing parallel line
- 6.251- Solves problems involving length and area
- 8.303 - Performs calculations to determine perimeter and area of parallelograms, rhombuses and kites

Assessment Tasks

Students will be assessed on their participation and completion of classwork and assessment tasks.

Task	Week Due*
Geometry Test	Term 2, Week 10 (Completed)
Fractions Test	Term 3, Week 6
Decimals Test	Term 3, Week 10
Semester 2 Assignment	Term 4, Week 2
Equations Test	Term 4, Week 4
Measurement Test	Term 4, Week 8
Mathletics Task	Ongoing

*Due dates are an estimate only

Teachers: Sam Holmes, Cissy Lu, Bridget Conaghan, Michelle McFadyen and Julie White

Executive Teacher: Rod Grieve