Year 9 Maths

Semester 2 Course Outline

In Year 9 Mathematics this semester, students will be studying units on Linear Equations, Linear Relationships, Probability, Expanding and Factorising in Algebra, Index Laws and Statistics. The semester 2 assignment will have a problem solving component. 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:

- 10.321 - Solves problems involving linear equations and inequalities
- 8.301 - Solves linear equations and graphs linear equations on the Cartesian plane
- 9.314 - Finds the distance between two points on the Cartesian plane and the gradient and midpoint of a line segment
- 9.315 - Sketches linear and non-linear relations
- 9.316 - Calculates areas of shapes and the volume and surface area of right prisms and cylinders
- 9.312 - Applies the index laws to numbers and expresses numbers in scientific notation
- 9.313 - Expands binomial expressions
- 8.300-Simplifies a variety of algebraic expressions

Assessment Tasks

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

Task	Week Due*
Index Laws Test	Term 2, Week 10 (Completed)
Linear Relationships Test	Term 3, Week 6
Measurement Test	Term 3, Week 10
Assignment	To Be Advised
Algebra	Term 4, Week 4
Equations Test	Term 4, Week 8
Mathspace Tasks	Ongoing

*Due dates are an estimate only

Teachers: Reece Jones, Michelle McFadyen, Rod Grieve , Bridget Conaghan, Julie White, Sam Holmes, Cissy Lu

Executive Teacher: Rod Grieve