



CANBERRA HIGH SCHOOL - Learning overview for Term 1: Mathematics

During Term 1, Year 8 will investigate real numbers including decimals, integers and indices. They will also learn about linear graphs and equations. Work and communication will occur in class and within your child's Mathematics Google Classroom. Accompanying the Google Classroom is the resource Hub. This is a website that has all the resources available throughout the term and it will be a valuable aid for your child's learning including students requiring support and those requiring extension and enrichment.

Week	Topic	Content/Activity/Tasks
1- Feb 1	Solving linear equations	Solve linear equations using algebraic and graphical techniques
2- Feb 7		
3- Feb 14		Verify solutions by substitution
4- Feb 21	Pythagoras' Theorem	Investigating the connections between lengths on right-angled triangles
5- Feb 28		Using Pythagoras' Theorem to solve problems of length in a right angled triangle
6- March 7	Number and Operations	Investigate the concept of irrational numbers, including π
7- March 14		Carry out the four operations with rational numbers and integers, using efficient mental and written strategies and appropriate digital technologies
8- March 21		
9- March 28		Use index notation with numbers to establish the index laws with positive integral indices and the zero index
10 - April 4		