



## 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	<b>Real numbers: Decimals, integers and indices</b>	Investigate terminating and recurring decimals
2- Feb 8		Investigate the concept of irrational numbers, including $\pi$
3- Feb 15		Carry out the four operations with rational numbers and integers, using efficient mental and written strategies and appropriate digital technologies
4- Feb 22		
5- March 1		Use index notation with numbers to establish the index laws with positive integral indices and the zero index
6- March 8	<b>Linear graphs and equations</b>	Plot linear relationships on the Cartesian plane with and without the use of digital technologies
7- March 15		
8- March 22		Solve linear equations using algebraic and graphical techniques. Verify solutions by substitution
9- March 29		