



CANBERRA HIGH SCHOOL - Learning overview for Term 1: Mathematics

During Term 1, Year 9 will learn to use Pythagoras' Theorem, investigate Indices and Standard Notation, as well as Financial Maths. All work, including homework, will be available through posts on your child's Mathematics Google Classroom page. Accompanying the Google Classroom is the Learning Hub (<https://bit.ly/CHSmathsyr9>). 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- February 1	Pythagoras' Theorem	<ul style="list-style-type: none">• Introduce and determine Pythagoras' Theorem.
2- February 8		<ul style="list-style-type: none">• Label right angled triangles and apply Pythagoras' Theorem to calculate side lengths, solve word problems and to test if a triangle is right-angled.
3- February 15	Real Numbers: Indices and Standard Notation	<ul style="list-style-type: none">• Review index laws and introduce negative indices.
4- February 22		<ul style="list-style-type: none">• Write numbers in standard notation and give answers to significant figures.
5- March 1		<ul style="list-style-type: none">• Review rates and investigate direct proportion.
6- March 8	Financial Maths	<ul style="list-style-type: none">• Understand financial terms and calculate income and payment for different types of work.
7- March 15		<ul style="list-style-type: none">• Investigate tax, superannuation, net and gross income, debit and credit cards, fees and charges.
8- March 22		<ul style="list-style-type: none">• Calculate simple interest.
9- March 29		<ul style="list-style-type: none">• Investigate cost of resources such as gas, water electricity and mobile phone plans.