

<b>Subject:</b>	<b>Mathematics / Science</b>	
<b>NCEA Level:</b>	<b>One / Two</b>	
<b>Teacher to Contact:</b>	<b>Mr D Kitchingman / Mrs J Williamson</b>	<b>Code: MSC210</b>

<b>Standard</b>		<b>Title</b>	<b>Credits</b>
AS 2.8	I	Biology – Use a microscope to investigate biological material.	3
AS 90955	I	Investigate an astronomical or Earth Science event.	4
US 8771	I	Describe the use and functioning of rockets, satellites and space probes.	3
		Mathematics Achievement Standards are still being developed.	

**I means the Standard is assessed internally.**

### **What will I learn?**

This course involved the study of both Mathematics and Science in real-world situations which may be appropriate for students embarking on further study at polytechnic or an apprenticeship. The course will target specific areas based on the students intended career paths and may include subjects similar to the ones listed above.

### **How will I learn?**

Reading, note-taking, practical experiments, careful observation, discussion, linking ideas, graphical interpretation, problem solving and presentation.

### **What should I have already done?**

NCEA Level 1 Science and NCEA Level 1 Mathematics with at least ten credits in each.

### **Where does the subject lead?**

This subject can lead to further study in Mathematics and Biology at NCEA Level 2. For those not continuing further study, the development of logical reasoning and problems solving skills are useful.

### **How is the course assessed?**

Assessment is based on internal assessments.

### **Other details: (costs, field trips etc)**

A scientific calculator is essential; a graphics calculator is advantageous but not essential.  
Stationery: 1J5 exercise book and a 1B5 exercise book.

### **End of course qualifications.**

Credits towards the National Certificate of Educational Achievement Level 1 and Level 2.  
Credits towards the National Certificate in Mathematics.