

## Attention Yr10 Students (Yr11 2017) Re: Subject selection

# **“SCIENCE KEEPS YOUR OPTIONS OPEN”**

**Question** - Do you definitely know what you are going to do when you finish your secondary education?

If the answer is no, maybe or not sure; then in choosing a “Science” subject, you will keep your career options open, enabling you to pursue careers in both scientific and non-scientific fields.

**Fact:** Science is not mandatory in Years 11 and 12.

**So Why Take up Science?** —The important thing in Science is not so much to obtain new facts as to discover new ways of thinking about them.

Taking Science will make you employable providing you with skills that employers look for such as: Analytical skills, Problem solving skills, Communication skills, Team-working skills. Taking up a Science will keep your career options open. Most scientific tertiary courses recommend at least two units of Science in the HSC. By undertaking a Science subject in the HSC you are not limiting your choices for your tertiary education.

### **So Which Science to Choose?**

**Senior Science** - Senior Science deals with all branches of Science. It will suit students who have a general interest in Science. It is beneficial for students who wish to continue with any tertiary courses where there is an assumed knowledge of 2 units of Science e.g. nursing and teaching. Recommendation: a good level of English.

**Biology** - Biology is the study of living things. It is beneficial for students who wish to continue with further studies at University in disciplines such as Science, Medicine, Pathology, Radiology, Biomedical Science, Environmental Studies, Physiotherapy, Nursing and Teaching. Recommendation: a very good level of English.

**Chemistry** - Chemistry is the study of the composition and properties of matter. It is beneficial for students who wish to continue with further studies at University in disciplines such as Medicine, Pharmacology, Chemical Engineering, Radiology, Biomedical Science Environmental Studies, Physiotherapy, Science, Nursing and Teaching. Recommendation: a very good level of English and Mathematics.

**Physics** - Physics is the study of the nature and properties of matter and energy. It is beneficial for students who wish to continue with further studies at University in disciplines such as Medicine, Engineering, Radiology, Computing, Science and Teaching. Recommendation: a very good level of English and Mathematics.

**Earth & Environmental Science** - Earth and Environmental Science is the study of the Earth's processes and future. It is beneficial for students who wish to continue with further studies at University in disciplines such as Environmental Science, and enter the fields of Mining, Geological, Geophysical and Horticultural industries. Recommendation: a very good level of English.

(HT Science – Mr Debrincat)