

Science

The Science curriculum is in line with the Australian Science Curriculum, the International Baccalaureate Middle Years Programme *Sciences* curriculum framework and the French National Curriculum.

This program provides for cutting edge science knowledge and learning.

It develops skills that incorporate the use of information technology, scientific problem solving and the safe use of laboratory equipment in open ended inquiry learning. It provides students with a variety of extension experiences including excursions, competitions and individual research opportunities.

The courses available to incoming Year 7 students are:

English Stream (ES) students Quantum Science (for high performing students)

English Stream (ES) students Discover Science (a comprehensive course for mainstream students)

English French Stream (EFS) students study Science following the French National Curriculum

Students in Year 7 will undertake a school ability test. English Stream student results from this test, their Semester 1 grades and teacher recommendation are used to determine student placements in Year 7 English Stream Science classes.

All students in English Stream Science classes will constantly be given the opportunity to develop competencies in several areas, enabling their placement in classes to be reviewed. All students in *Quantum* Science need to continue to demonstrate their interest in and commitment to Science, to remain in this class.

Students in *Discover* Science classes will be offered many opportunities available to *Quantum* students. This is a comprehensive course that aims to develop a range of skills. The teaching strategies are paced to enable students more time for practicing core skills.

IB Middle Years Program *Sciences* requires students to develop skills in relating science to the world, to communicate effectively, to demonstrate knowledge and concepts, write practical reports, manipulate data and behave in a safe, consistent and responsible manner.

COMPETITIONS

All students are invited to participate in the Australasian Science Competition, the Big Science Competition, and the Chemistry Quiz. Students receive individual, question-by-question feedback, and certificates.

In addition, the science faculty offers the opportunity for students to enter many national project-type competitions. These are constantly advertised in the science notice board. Any interested students are invited to negotiate with their Science teacher.

Telopea Park School
Lycée franco-australien de Canberra

Cooperation ▪ Fairness ▪ Honesty ▪ Respect