

INVESTIGATING SCIENCE

Description

Investigating Science is designed for students who have a strong interest in Science and in particular scientific research and experimentation. This course engages students with scientific processes, and the application of these processes to investigate relevant personal, community and global scientific issues.

Investigating Science teaches students scientific research and experimentation skills, and their application, which throughout history has led to scientific discoveries that are responsible for advances in technology, medicine, environmental management and most aspects of human life. The course is designed to complement the study of the Science disciplines by providing additional opportunities for students to investigate and develop an understanding of scientific concepts, their current and future uses, and their impacts on science and society.

It is recommended that students are currently achieving a C Grade or above. Students who undertake study of any other science course are encouraged to also study Investigating Science.

Topic include: Scientific Models and Investigations, Observations, Inferences and Generalisations, Technologies, Theories and Law, Science and Society

Assessment

Students will demonstrate their learning through a range of assessment tasks which include research, first hand investigations, written examinations and a depth study. Students will also be expected to write regular practical reports as part of their home study regime. It is expected that students possess a high level of scientific numeracy and literacy skills.

Additional Information

The knowledge, understanding and skills gained from this course are intended to support student's ongoing engagement with Science, and to form the foundation for further studies and participation in current and emerging STEM-related post-school activities and industries.

Costs

\$30.00 per year for Edrolo subscription to be paid directly via the Edrolo payment portal. Excursion costs are additional.

