

SCIENCE

Brief Description of Course

Olivet Christian College provides a Science program for all children as outlined in the Discipline-based Learning Strand of the Australian Curriculum (AusVELS) – Science Scope and Sequence. It encompasses the dimensions of:

- Science Understanding
- Science as a Human Endeavour
- Science Inquiry Skills.

Science learning takes place within the PYP transdisciplinary themes through Units of Inquiry. Science learning may also be part of a Maths Inquiry or an ongoing inquiry e.g. seasons, changes in weather etc

In the Primary Science students observe and describe the behaviours and properties of everyday objects, materials and living things. They explore change in the world around them, including changes that impact on them and changes they can effect. They learn the importance of seeking answers, making observations and using their senses to gather information.

In Secondary Science classes are conducted in the school's Science lab and aim to develop investigative, experimental and inquiry skills in students. Students conduct experiments with scientific apparatus and learn to document and analyse their findings.

General Aims and Objectives

- To retain awe and wonder when contemplating God's marvellous Creation
- To foster and develop curiosity about all aspects of the earth and the universe
- To emphasise both the potential of science as well as its limits
- To help students co-discover many facts, laws and principles that have been previously discovered by earlier investigators of nature and the cosmos
- To increase students' powers of observation
- To develop abilities to design and carry out experiments and analyse the resultant data
- To develop abilities to evaluate evidence and solve problems