

Rationale

Science Education responds to students natural curiosity by facilitating responses to and nourishing curiosity, wonder and questioning. Through the study students attempt to appreciate, understand and manage their world.

Aims

Through learning science students will:

- Acquire scientific skills and conceptual knowledge.
- Acquire and utilise the skills of scientific investigation, reasoning, analysis and problem solving.
- Develop scientific attributes such as flexibility, curiosity, critical reflection, respect for evidence and ethical considerations.
- Interpret and communicate scientific ideas effectively.
- Appreciate the dynamic role of science in social.

Implementation:

- The Science domain is organised into three dimensions
 - Science Understanding
 - Science as a Human Endeavour
 - Science Inquiry Skills
- Class teaching programs will recognise the concerns of environmental management.
- Learning should, where possible, be through direct experience.
- Materials should be appropriate to the interests, capabilities and locality of the pupils.
- Each class teacher will take responsibility for the implementation of the Science program.
- Student progress in both dimensions of Science will be reported against AusVELS standards in half and end of year academic reports in Level 3 and 4
- A committee will promote Science across the school and community, including science week, Arbour Week and Family Science nights as appropriate
- Science will be taught in line with AusVELS and as part of an integrated curriculum, with provision for 'stand alone' topics.
- Community expertise, incursions and excursions will be utilized to enhance the science program.

Evaluation:

This policy will be reviewed as part of the school's three-year review cycle.
The policy and program will be evaluated on an ongoing basis using AusVELS as a guide.
A variety of formal and informal evaluation strategies will be used to assess student learning.