

Policy Document

SCIENCE

Rationale

- A fundamental goal for Science education is to stimulate, respond to, and nourish curiosity, wonder and questioning
- A major goal of Science education is to develop citizens who are capable of engaging in informed debate about science and its applications. Increasing emphasis will be placed on the role of science and the work of science addressing issues of sustainability at a local and global level
- Science education provides opportunities for students to develop the skills and understanding appropriate to service and good citizenship. It also encourages students to articulate science values and accept the ethical principles embedded in science research. While only some students directly pursue a career in science and scientific research, all students need to appreciate the significance of science for the long-term future of our society and understand the daily role of science

Objectives

Through learning Science students will:

- Acquire scientific skills and conceptual knowledge
- Acquire and use the skills of scientific investigation, reasoning and analysis to ask questions and seek solutions
- Develop scientific attributes such as flexibility, curiosity, critical reflection, respect for evidence and ethical considerations
- Recognise and understand the strengths and limitations of Science
- Be able to interpret and communicate scientific ideas effectively
- Appreciate the dynamic role of Science in social and technological change

Implementation

- The Science domain is an essential component of the Discipline-based learning strand of AusVELS
- All students in our school will study a sequential Science course based on the learning focus statements contained within AusVELS.
- Student's individual abilities are measured at the commencement of each unit of work, and learning opportunities must be provided that cater for the identified needs of each student.
- Student progress in both dimensions of Science will be reported annually.
- Science activities that reflect the topics being studied at school, and are appropriate to each child's ability, will form a component of each student's curriculum / class program
- Evaluation is an on-going process and a variety of assessment techniques: checklists, anecdotal records, conferences, observations, learning logs and student self-assessment

Evaluation

- This policy will be reviewed as part of the school's four-year review cycle.



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Ratification

Ratified by School Council:

School Council President: Glen Noble

Principal: Anne McPhee