



CAMBRIDGE PRIMARY SCHOOL

SCIENCE

Purpose

- To provide students with insights into the way science is applied and how scientists work in the community
- To develop students' ability to:
 - ask questions and find answers about the natural and physical worlds
 - make informed decisions about scientific issues, careers and further studies
 - apply scientific knowledge to explain and predict events in the natural and physical world
 - investigate, reason and analyse in order to ask further questions and find solutions
 - communicate in appropriate scientific language to a range of audiences
 - be original, persistent, open-minded, objective, independent, interested, co-operative and responsible.

Guidelines

- The children will participate in a broad range of scientific experiences:
 - hypothesising
 - observing
 - classifying
 - questioning
 - experimenting
 - measuring
 - planning
 - recording
 - concluding
 - communicating
- The Science CSF/ Victorian Essential Learning Standards will form the basis for the science program at this school.
- The University of New South Wales' "Australian Schools Science Competition" will be offered annually.

Implementation

- The classroom program will be based on CSF II/Victorian Essential Learning Standards guidelines with the following resources available:
 - school and local network materials
 - STEPS program

- available multimedia resources to enhance and augment the classroom program

- The regional and local Science Network will provide Professional Development for teachers
- Teachers will have access to appropriate resources and materials which are stored in the Library
- Use will be made of the children's prior knowledge and experiences in the classroom program
- Teacher expertise can be used in rotation sessions
- Student evaluation can include checklists, work samples, anecdotal records, annotated work samples and cumulative records of the children's progress.

Evaluation

- Information collected annually through minor evaluation including usefulness of materials and worth of experiments
- Feedback from teachers attending network meetings and inservices.

<u>Ratification Date</u> June 2005	<u>Review Date</u> Year 2011	<u>Policy Number</u> 27.	<u>Version Number</u> 1.	<u>Date Produced</u> Pre 1999
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