



SCIENCE

Revised May 2016

Introduction

It is recognised at Somers Primary School that science education develops students' abilities to pose questions and provide answers about the physical and biological world. It assists students to understand the way science and scientists work in our community.

Aims

- To increase students' knowledge of themselves and their environment.
- To develop skills in the processes of:
 - recognising a problem;
 - forming a hypothesis;
 - devising a solution; and
 - evaluating an outcome
- To provide awareness of safe work practices when carrying out practical experimentation.
- To provide opportunities to acquire scientific knowledge that enables each student to deal competently with his/her daily life and use as a basis for future learning.
- To develop skills of inquiry, developing research questions, researching through practical means to build conceptual knowledge and skills involved with science
- To develop a love a science that will lead to further study of sciences in secondary and tertiary education.

Implementation

The knowledge, skills and attitudes of science will be developed through five strands as set out in the Victorian Curriculum. These are:

- Biological and Environmental Science
- Chemical Science
- Earth and Space Sciences; and
- Physical Science.
- Science Technology Engineering and Mathematics (STEM)

Science in the lower year levels will use an integrated curriculum approach. Science in the middle to upper year levels will be taught in topic areas selected from the various strands.

The Science Co-ordinator will be responsible for the resources, materials, equipment required for the science programs. The Science Co-ordinator, in conjunction with other science teachers in the School, develops the Science Program. The Science Co-ordinator is also involved in distributing courses, organising professional development, undertaking course evaluation and other duties deemed necessary.

Each year Somers Primary School will hold a science celebration to build a love of and culture of science.