

**Rationale:**

Learning Science and its methods of investigation encourages students to develop curiosity and a spirit of inquiry, and assists them to be open-minded and to value objectivity.

**Purpose:**

The Science curriculum at Stevensville Primary School aims to ensure that students:

- work collaboratively to make sense of the world by exploring the unknown, investigating concepts, making predictions and solving problems,
- ask and answer questions about the biological, physical and technological world,
- develop an understanding of important scientific concepts and processes, the practices used to develop scientific knowledge, the contribution of science to our culture and society, and it's application in their lives,
- develop critical and creative thinking skills,
- challenge themselves to identify scientific questions, apply new knowledge, explain science phenomena and draw evidence-based conclusions using scientific methods.

**Implementation:**

The Science curriculum is based on the Victorian Curriculum and is organised by the four strands of biological, physical, chemical and Earth and space science.

Underlying the four strands is science as a human endeavour, which builds competence across all four science strands, with a focus on applying scientific skills and understandings.

- All activities will be planned in line with the Victorian Curriculum documents
- Science units of work and activities will be implemented according to the two-year cycle of the science curriculum, with the exception of the student's Foundation year which follows a single-year cycle.
- Students will be provided with the opportunity to access a 'hands-on approach' that encourages the development of skills associated with predicting, investigating, observing and evaluating.
- ICT will be incorporated into the Science program, where possible, to develop and extend students' understandings and skills

**Evaluation:**

This policy will be reviewed with staff, student, parent and community input as part of the school's three-year review cycle.