

## SOMERVILLE INTERMEDIATE SCHOOL POLICY ON TECHNOLOGY

### RATIONALE:

Our students are living in a rapidly changing society where technology is at the forefront. Students need to acquire the knowledge, skill and values that will enable them to live and work in their society.

*Charter Reference:* Curriculum Goal  
Technology

*Legislative Reference:* NAG 1

### PURPOSE:

1. To continue the development of technological literacy through three integrated learning strands, which will empower students to make informed choices about technology.
2. To develop the flexibility, adaptability and confidence required to function in a world of rapid technological change.
3. To encourage creative, lateral and divergent thinking and to promote curiosity and inquiring minds.
4. To learn and develop essential skills through involvement in the technological processes.
5. To build on their existing knowledge and interests and to refine a wide range of skills to solve authentic problems through co-operation and hands-on experience.
6. To build up technological knowledge and understanding.
7. To use and involve the community in technology education.
8. To explore the effect of technology on the environment/society and to enable students to explore options which provide technological solutions to environmental problems.
9. To help students to become aware of the different ways people respond to technological change and the impact that this can have on differing traditional values and beliefs.
10. To develop in students an awareness of their social responsibilities to make informed decisions about technological development.

### GUIDELINES:

1. The programme will be based on the National Curriculum statement "Technology in the New Zealand Curriculum" with the focus of student centred teaching and learning.
2. The achievement objectives will provide a basis for planning and enable teachers, students and parents to be aware of the nature and goals of technology education.
3. The technology programmes in classrooms will be drawn from three interwoven strands. The strands are:

Technological Knowledge and Understanding  
Technological Capability  
Technology and Society

4. Technology programmes will focus on know-how as well as knowledge, gathering information from a variety of sources.
5. Technology activities will be carried out in a variety of broad overlapping contexts such as the home, the school, the community, personal, recreation, environmental and industry, as are appropriate to the learning needs of our school, students and community.
6. Technology programmes must be authentic, relevant, meaningful and useful to students to enable students to see the relevance of technology in their lives.
7. Each student will experience success to the best of their ability and a positive attitude to technology will be encouraged.
8. The school's Health & Safety policy will be adhered to and appropriate safety requirements will be met when students are using or operating tools and electrical equipment.
9. Ongoing assessment and evaluation, using a variety of methods, to improve teaching and students' learning will be an integral part of the Technology programme.
10. Each staff member will be responsible for:
  - Administering his or her budget
  - Overseeing the purchase of new resources
  - Overseeing the maintenance and storage of equipment
  - Overseeing the design of learning programmes
  - Co-ordinating staff development in their area
11. The Board of Trustees will provide adequate funds, staffing and release time for teaching training to develop an effective Technology programme.

DATE:	Written 2/12/98	Adopted 25/11/99	Latest Amendment 11/11/02	Readopted 18/12/02
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