

# Spensley Street Primary School

## TECHNOLOGY EDUCATION POLICY

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### RATIONALE

Students come into daily contact with both simple and complex technologies in the home, school and during leisure activities. In order to participate effectively in a society which is increasingly dependent upon technology, students need specific knowledge and skills. Students will be presented with a variety of experiences that challenge and encourage their problem solving skills and develop an enquiring mind.

### DEFINITION

Technology is a term that refers to the equipment, processes and systems people use to enhance, maintain, manipulate and modify the environment and resources. It involves the purposeful application of knowledge, skills, equipment, materials and information.

### PRINCIPLES

1. Technology education is one of the content areas of the integrated curriculum and, within the overall framework of the Teaching and Learning Policy, students will be provided with opportunities to study technology through the three strands of materials, information and systems.
2. Technology contributes to cultural, social, environmental and economic changes. The technology program encourages students to examine the effects of particular technologies or processes on society and the environment, and to recognise both positive and negative effects on peoples' lives.
3. Technology education gives students skills to produce quality products that solve problems and meet needs. Students acquire and apply knowledge and skills through investigating, designing, producing and evaluating. Students will use a range of equipment and resources to create products; from levers, scissors, pulleys, hand tools, cooking utensils to computers, microwave ovens, video cameras.

### GOALS

1. Technology education aims to develop in students:
  - a systematic and creative approach to generating technological solutions
  - the knowledge and skills to use a variety of equipment and resources
  - the ability to explore and assess the past and potential consequences of using technology
  - a sense of self-confidence and self-sufficiency in dealing with technology.
2. All students will have equitable access to all areas of the program.

## **STRATEGIES**

1. Technology education will be taught through:
  - an integrated curriculum addressing the five developmental domains; cognitive, language, physical, social and emotional
  - co-operative learning activities and individual investigations
  - inquiry learning, which includes
    - investigating
    - designing
    - producing
    - evaluating
2. every child will be encouraged to participate fully in all aspects of the program
3. professional development needs of staff will be assessed and provision be made for further development as required
4. students will be supervised and taught to use technology safely – both tools and materials
5. a designated budget will be allocated each year
6. a teacher will be appointed as the Technology co-ordinator and a committee be formed to oversee the implementation of the policy.

## **REFERENCES AND RELATED POLICIES**

- The Teaching and Learning Policy and Program
- The Technology Curriculum and Standards Framework
- The Technology Course Advice
- Internet and Intranet Policy
- The Equal Opportunity Policy
- Privacy Policy

## **DATE**

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