TECHNOLOGY EDUCATION DEVELOPING PROBLEM SOLVING SKILLS FOR THE FUTURE

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Learning areas: Technology

Technology courses encompass a diverse collection of processes and knowledge that you can use to satisfy needs and extend human capabilities. They provide opportunities to develop valuable problem solving skills that are useful not just in the HSC but in work and life generally.

Design and Technology, Industrial Technology and Textiles and Design, require you to apply your course knowledge to design, manage and produce major projects. Your portfolio enables you to present evidence of your decision making to the HSC markers. Remember that unlike your teachers, markers have not watched your projects develop so they rely solely on your documentation.

In Agriculture, Engineering Studies and Food Technology, you need to apply your knowledge developed through course work to practical situations and authentic problems. These experiences will prepare you to answer the full range of questions in the exam and in life beyond the classroom.

The project work involved in Information Processes and Technology, and Software Design and Development consolidates your knowledge of information systems and software solutions and develops your problem-solving abilities.

The opportunity to investigate problems, generate ideas and realise solutions develops practical problem-solving skills that are integral to Australia's future. The skills and capabilities developed through the study of a technology course can be applied to further education, and career opportunities in design, technology, engineering, science, mathematics and related fields.

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