Holsworthy High School

TAS Faculty

Industrial Technology Timber Years 9 and 10

AIM

The aim of the *Industrial Technology Years 7–10 Syllabus* is to develop in students knowledge, understanding, skills and values related to a range of technologies through the safe interaction with materials, tools and processes in the planning, development and construction of quality practical projects. The syllabus aims to develop in students an understanding of the interrelationships between technology, the individual, society and the environment, and to develop their ability to think creatively to devise solutions to practical problems.

OBJECTIVES

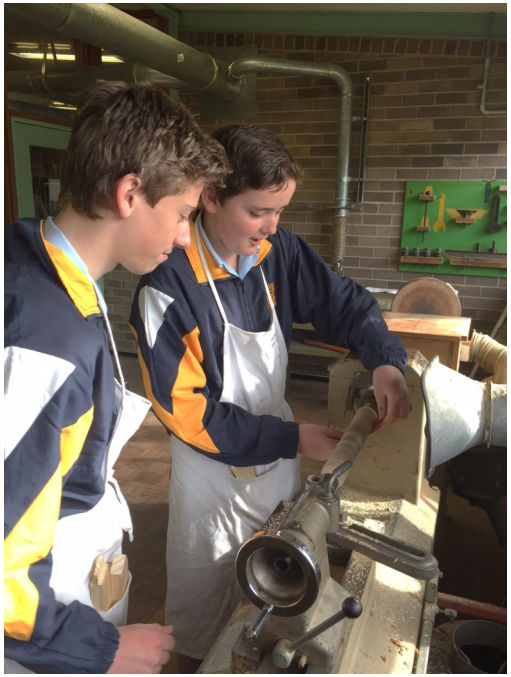
Knowledge, understanding, skills, values and attitudes.

Students will develop:

1. Knowledge of and competence in applying Occupational Health & Safety (OHS) risk management procedures and practices
2. Knowledge, skills and an appreciation of quality in the design and production of practical projects
3. Knowledge and understanding of the relationship between the properties of materials and their applications
4. Skills in communicating ideas, processes and technical information with a range of audiences
5. Appreciation of the relationship between technology, leisure and lifestyle activities and further learning
6. The ability to critically evaluate manufactured products in order to become a discriminating consumer
7. Knowledge and understanding of the role of traditional, current, new and emerging technologies in industry and their impact on society and the environment.

Teaching in a practical workshop environment students will:-

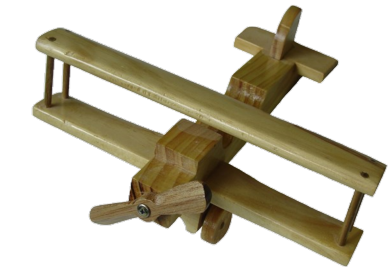
- have teaching content, resources and methods that are diverse and relevant.
- be provided equitable opportunities for all students.
- have provided a variety of individual and co-operative learning situations.
- be provided learning activities which are appropriate to the age and level of development of the student

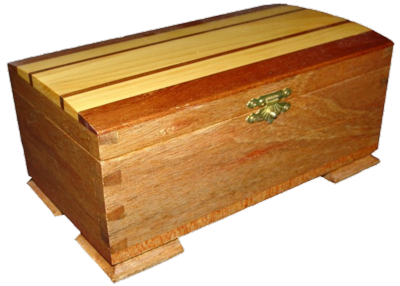


ASSESSMENT

The following methods are used to assess students in the course:

- Correct use of hand and power tools
- Application of hands and power tools
- Design portfolios
- Workplace Health and Safety
- Examinations
- Project work





For more information please visit the website below on the internet or talk to the TAS teachers

http://www.nesa.nsw.edu.au/syllabus_sc/industrial-technology.html

TECHNOLOGY AND APPLIED STUDIES INDUSTRIAL ARTS

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