

TAS FACULTY



Technological and
Applied Studies

TAS in Years Seven and Eight

- **Students in years 7 & 8 study Technology...**
 - ✓ **Computing skills**
 - ✓ **Design principles**
 - ✓ **6 context areas:-**
involving studies in timber, textiles, food technology, metal, plastics and drawing



TAS in Years Nine and Ten.



- **Food Technology**
- **Graphics Technology**
- **Industrial Technology-
Timber**
- **Industrial Technology-
Metal**
- **Industrial Technology-
Engineering**
- **Textiles Technology**
- **Information Software
and Technology (IST)**

Food Technology

- **Develop skills in preparing food for specific purposes.**
- **Develop a sense of responsibility for decisions about food.**
- **Focal Issues Include:**
 - **Nutritional Status of Food**
 - **Food Product Development**
 - **Food Equity**
 - **Food Service and catering**
 - **Food for Special Occasions**
- **Practical lessons each week will correspond with current Focal Issue.**





Textiles Technology

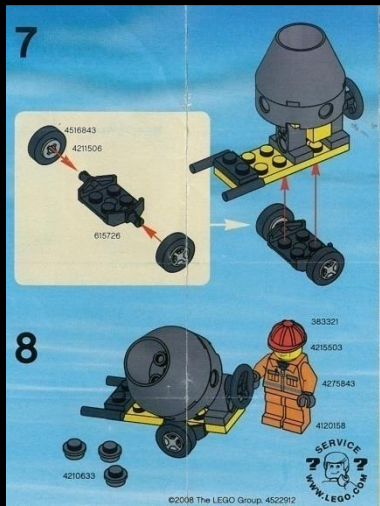
Assists students to:

- **Understand the properties of fibres, yarns and fabrics.**
- **Develop an understanding of textiles and society.**
- **Develop skills in designing and constructing with textiles.**
- **Project work – apparel (skirt/shorts and hoodie), soft toy, soft furnishings, costume, textile arts.**
- **Students will submit documentation with each project detailing the construction process.**





Graphics Technology



- **Mechanical Drafting**
- **CAD**
- **Product Design**
- **Architectural Drawing**
- **Product Illustrations**
- **100% practical**
Supports all Ind. Arts
subjects and vital for
most apprenticeships



Industrial Technology - Metal



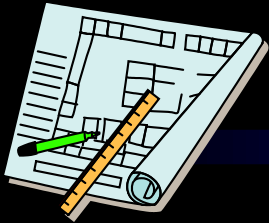
- 4 x 6 months lobes
- 80% practical / 20% theory
- Metal based

General Metal I

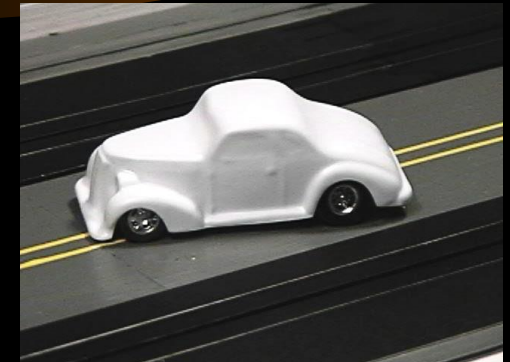
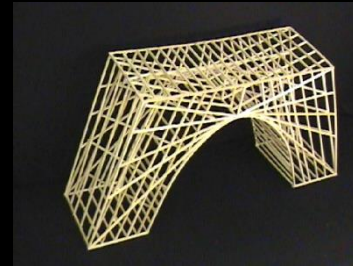
Fitting and Machining I – II

- Projects include; Tool Box, soft jaws, tack hammer, punch, metal sculpture, hacksaw, billycart

Industrial Technology - Engineering



- **Design, investigate and evaluate engineering systems**
- **Alternative energy sources**
- **Use of various materials**
- **80% practical / 20% theory**
- **Projects include;**
Engineering items e.g.
bridges, towers, Trebuchets,
cars, hydraulic robots and
more.



Industrial Technology - Timber



- **80% practical / 20% theory**
- **Wood based**
- **Projects may include:**
 - tables**
 - stools**
 - cabinets**
 - turned projects**

Information and Software Technology (IST)

- **Developing the students abilities to become competent users of computer technology.**
- **Practical projects**
 - **Animations**
 - **Web site development**
 - **Multimedia /video products.**
- **Use a variety of software and hardware to solve problems**

