

Year 7 Wood Technology Year 8 Metal Technology Curriculum

Wood Technology is made up of 4 main components:
**Technologies and society, Food and fibre, Food specialisation,
Creating design solutions Designing and Evaluating.**

In Year 7 students begin their studies in Wood Technology for one semester.

This unit focuses upon the use of hand and limited power tools to make items from wood. Students will complete a design folio, which will involve investigating, designing, analysing and evaluating, in order to design and construct their project work. They will be expected to develop awareness of the need for safety in carrying out the design and construction of their projects. Environmental issues relating to the use of timber and an appreciation of the correct use and limitations of tools will also be a focus of study in this unit.



Our Philosophy in Wood Technology is to initiate, inspire and to promote an intrinsic motivation for learning and for students to see the connection of learning about timber to everyday lives, family and society.

Competition Experiences

Students have the opportunity to participate in the annual Numurkah Agricultural Show.



Product Design & Technology Mid School Electives

NUMURKAH SECONDARY COLLEGE

Metal 1

In this unit students will be developing their skills and knowledge in a range of metal fabrication techniques. A wide variety of techniques will be covered and you have the opportunity to demonstrate your new skills in a number of projects. Aspects of a design folio will be completed to accompany each project. Possible techniques covered include welding, turning, cutting and machining.

Metal 2

This unit is about expanding your engineering skills. You will use CAD & CAM (Computer Aided Design & Computer Aided Machining) to produce high quality engineering components. The design folio completed in this unit will be structured to develop essential skills for use in the VCE Folio.

Mixed Media

Ever thought about how you can combine mediums such as wood, metal, textiles or plastics? This unit is designed to build upon the skills learnt in years 7 and 8 product design units and to apply these skills to a variety of mediums to investigate, generate and produce a variety of products. You will be completing various aspects of a design folio for your project work.

Textiles

This unit is about expanding your skills and knowledge in fabric design and construction. A wide variety of techniques will be covered and you will have the opportunity to design and construct a garment for a client who could be you. Possible techniques covered include a selection of fabric dyeing, printing, machine embroidery, beading, felting, lamination, millinery etc. A sampler journal will be maintained in this unit which can be referred to in future classes. The design folio completed in this unit will be structured to develop essential skills for use in the VCE folio.

Wood 1

In this unit students will be developing their skills and knowledge in the use of wood joints and finishes. A wide variety of techniques will be covered and you have the opportunity to demonstrate your new skills in a number of projects. Aspects of a design folio will be completed to accompany each project. Possible techniques covered include lamination, turning and box designing.

Wood 2

This unit is about expanding your skills and knowledge in construction. You will be designing and constructing a furniture item for a client who could be you. The design folio completed in this unit will be structured to develop essential skills in the VCE folio.



Extend yourself
at lunchtime
by either
working on your
class project or
start something
of your own

