

MERBEIN P-10 TECHNOLOGY-WOOD COURSE OUTLINE (Ausvels based)

<u>Year</u>	<u>Investigating and designing</u>	<u>Producing</u>	<u>Analysing and evaluating</u>
7	<p>Projects: Pencil holder, Calender, Game and Box with sliding lid.</p> <ul style="list-style-type: none"> Development of design ideas that apply appropriate design elements and principles, and use appropriate methods of drawing, writing and modelling, technical language and media, including information and communications technology (ICT) where useful. 	<ul style="list-style-type: none"> Use of a range of tools and equipment, including at least two that are more complex, with teacher guidance on safety. 	<ul style="list-style-type: none"> Development of design ideas that apply appropriate design elements and principles, and use appropriate methods of drawing, writing and modelling, technical language, including information and communications technology (ICT) where useful.
8	<p>Projects: Carry tray. Construction: Halving joint Box with lid. Construction: Finger joint Trinket box. With drawer. Construction: Finger joint and halving joint</p> <ul style="list-style-type: none"> During the design process they clarify their understanding of design brief requirements and their design ideas by gathering, responding to and providing feedback to others. Understand and logically sequence major stages of production, and calculate and list materials/ingredients and quantities needed for production. Record and communicate their ideas using a variety of media that includes information and communications technology equipment, techniques and procedures. 	<ul style="list-style-type: none"> Work safely with a range of tools and equipment, including some which are complex, manage materials and taking full account of the appropriateness of their properties, characteristics or expected outputs in meeting requirements of design briefs. 	<ul style="list-style-type: none"> Suggest modifications to improve their products in light of evaluation of their performance, function and appearance. Recommend improvements to the performance, function and appearance of others' products.
9/10	<p>Creative wood and Wood construction.</p> <ul style="list-style-type: none"> identification of evaluation criteria based on the design considerations and constraints of a student-developed design brief logical sequencing and planning of production stages, and listing of the resources required, including availability of equipment and facilities. 	<p>Creative wood and Wood construction.</p> <ul style="list-style-type: none"> production of a product/system that meets generally acceptable standards in terms of the quality, aesthetic, functionality, nutritional and/or performance requirements of the design brief 	<p>Creative wood and Wood construction.</p> <ul style="list-style-type: none"> production of a product/system that meets generally acceptable standards in terms of the quality, aesthetic, functionality, nutritional and/or performance requirements of the design brief