

MERBEIN P-10 DESIGN, CREATIVITY & TECHNOLOGY COURSE OUTLINE (Ausvels based)

Electronics (Ausvels based)

<u>Year</u>	<u>Investigating & Designing</u>	<u>Producing</u>	<u>Analysing & Evaluating</u>
P			
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8	<p>Class work:</p> <ul style="list-style-type: none"> • Safety in the workshop • Measurement using Millimetres • Skill development using basic hand and power tools • Development of understanding of electrical safety and dangers • Develop skills to read circuit diagrams and follow electrical diagrams • Identify and select electronic components to be used in an electrical circuit • Design and create a cover/ 	<ul style="list-style-type: none"> • Creating working drawings of the project-Include all measurements/angles/joint structure/ • Detailed procedure for the project is written to display understanding and planning • Producing and assembling Electronic circuits 	<ul style="list-style-type: none"> • Detailed procedure for the project is written to display understanding and planning is analysed and evaluated • Evaluation of tools used and suitability of the materials chosen/skill level displayed and improvements needed

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	box/ holder for the device using plastic		
9			
10			