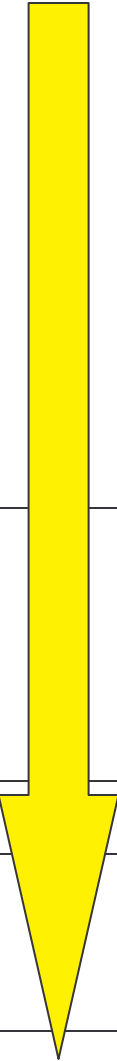


# MECHANICAL TECHNOLOGY

TEACHING ACTIVITIES	LEARNERS ACTIVITIES	RESOURCES	ASSESSMENT	DATE COMPLETED
<p>Technological Process:</p> <p><b>Review/explain the Technological process:</b></p> <ol style="list-style-type: none"> <li>1. Identify, investigate, define and analyse problems in a given real-life situation.</li> <li>2. Generate and/or design possible solutions for problems.</li> <li>3. Make or improve products according to a selected design.</li> <li>4. Evaluate a final product against the initial design.</li> <li>5. Present assignments by means of a variety of communication media.</li> </ol> <p><b>Teacher provides guidance in planning and execution of PAT topic</b></p>	<p><b>Learners apply the following principles</b></p> <ol style="list-style-type: none"> <li>1. Identify, investigate, define and analyse problems in a given real-life situation.</li> <li>2. Generate and/or design possible solutions for problems.</li> <li>3. Make or improve products according to a selected design.</li> <li>4. Evaluate a final product against the initial design.</li> <li>5. Present assignments by means of a variety of communication media.</li> </ol> <p><b>and then</b></p> <ul style="list-style-type: none"> <li>• Present the final solution with working/layout drawings</li> <li>• Present the final solution, or parts thereof, with a 3D pictorial drawing(s), and a model where necessary</li> <li>• Evaluate the whole process</li> </ul>	<p>Models, CAD software, Audio-visual media, Worksheets, Drawing instruments catalogues, internet.</p> 	<p><b>Tools:</b></p> <ul style="list-style-type: none"> <li>• Memo's</li> <li>• Task lists,</li> <li>• rubrics</li> </ul> <p><b>Method:</b></p> <ul style="list-style-type: none"> <li>• Teacher</li> </ul> <p><b>Evidence:</b></p> <ul style="list-style-type: none"> <li>• Task-based</li> </ul>	
Cost Factors	<b>Learners research and compile costing lists.</b>		<b>Presentation portfolio for performance evaluation</b>	
Guide learners in costing the PAT				
Entrepreneurial opportunities	<b>Research and present <i>Entrepreneurial Opportunities</i> for the scenario in a portfolio of evidence.</b>			
Models (Shoebox Size)	<b>Model the final solution.</b>			
Homework:				
Enrichment/Expanded Opportunities:				
Teacher Reflections:				