

# SECOND TERM

## WEEKLY LESSON NOTES

### WEEK 1

<b>Week Ending:</b> 06-04-2023	<b>Day:</b>	<b>Subject:</b> Career Technology	
<b>Duration:</b> 60MINS		<b>Strand:</b> Tools, Equipment & Processes	
<b>Class:</b> B8	<b>Class Size:</b>	<b>Sub Strand:</b> Care For Cutting & Shaping Tools	
<b>Content Standard:</b> B8.3.2.1 Demonstrate understanding of cutting and shaping tools and equipment for making artefacts/products		<b>Indicator:</b> B8.3.2.1.3: Demonstrate how to care for and maintain shaping and cutting tools and equipment	<b>Lesson:</b> 1 of 1
<b>Performance Indicator:</b> Learners can demonstrate how to care for and maintain shaping and cutting tools and equipment			<b>Core Competencies:</b> CP 6.5: CI 5.4: CI 5.2: CI 6.10:
<b>Reference:</b> Career Technology Curriculum Pg. 56			
Phase/Duration	Learners Activities	Resources	
<b>PHASE 1: STARTER</b>	Revise with learners to review their understanding in the previous lesson.  Share performance indicators with learners.		
<b>PHASE 2: NEW LEARNING</b>	Revise with learners on the different types of cutting and shaping tools in the wood and metal workshop.  <b>Hand saws:</b> Hand saws are used for cutting wood and metal by hand. There are different types of hand saws available, such as crosscut saws, rip saws, and hacksaws, each designed for specific types of cuts.  <b>Power saws:</b> Power saws are motorized cutting tools used for cutting wood and metal. Examples include circular saws, jigsaws, and band saws.  <b>Chisels:</b> Chisels are cutting tools with a sharpened edge used for shaping and carving wood and metal. They come in different shapes and sizes to create various cuts and shapes.  <b>Planes:</b> Planes are tools used for shaping and smoothing wood. They are used to remove small amounts of wood to achieve a flat, even surface. <b>Files:</b> Files are cutting tools used to shape and smooth metal. They come in different shapes and sizes to create various cuts and shapes.  <b>Grinders:</b> Grinders are power tools used for shaping and smoothing metal. They use an abrasive wheel to remove excess metal and create a smooth surface.  <b>Welding torches:</b> Welding torches are used to heat and melt metal to join two pieces together. They are commonly used in metal fabrication.  Discuss how to care for and maintain cutting and shaping tools and equipment used in the wood and metal workshop. <ul style="list-style-type: none"> <li>Store the tools in a dry and clean place to prevent rust, moisture, or damage.</li> </ul>	Pictures and charts of food	

	<ul style="list-style-type: none"> <li>• <i>After use, wipe the tools with a clean cloth to remove any dirt or debris.</i></li> <li>• <i>Keep the tools organized and in their designated places to prevent them from getting lost or damaged.</i></li> <li>• <i>Avoid dropping or banging the tools as they may become damaged or lose their accuracy.</i></li> <li>• <i>Sharpen and clean cutting tools such as scissors and rotary cutters regularly to maintain their sharpness and prevent snagging fabric.</i></li> <li>• <i>Lubricate any moving parts of the tools such as the measuring tape, seam gauge, or ruler to keep them moving smoothly.</i></li> <li>• <i>Replace any broken or damaged tools immediately to avoid any mishaps during sewing projects.</i></li> </ul> <p><u>Assessment</u>  What is a hand saw used for in a wood and metal workshop?  What are power saws, and what makes them different from hand saws?  What is the purpose of chisels in a wood and metal workshop?  What are planes, and what are they used for in woodworking?  What is a file, and how is it used in metalworking?  What is the function of a welding torch in metal fabrication?</p>	
<p><b>PHASE 3: REFLECTION</b></p>	<p>Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson.</p> <p>Take feedback from learners and summarize the lesson.</p> <p>Ask learners how the lesson will benefit them in their daily lives.</p>	