

SECOND TERM

WEEKLY LESSON NOTES

WEEK 9

Week Ending: 02-06-2023	Day:	Subject: Career Technology	
Duration: 60MINS		Strand: Tools, Equipment & Processes	
Class: B8	Class Size:	Sub Strand: Joining & Assembling Materials, Tools	
Content Standard: B8.3.3.1 Demonstrate understanding of joining and assembling materials, tools and equipment used for making products.		Indicator: B8.3.3.1.3: Demonstrate how to care for and maintain tools and equipment used for joining and assembling	Lesson: 1 of 2
Performance Indicator: Learners can demonstrate how to care for and maintain tools and equipment used for joining and assembling.		Core Competencies: CC 8.2: Explain ideas in a clear order with relevant details:	
Reference: Career Technology Curriculum Pg. 58			
Phase/Duration	Learners Activities	Resources	
PHASE 1: STARTER	Revise with learners to review their understanding in the previous lesson. Share performance indicators with learners.		
PHASE 2: NEW LEARNING	Revise with learners to identify and describe some tools and equipment used for joining and assembling in the various trade areas. Demonstrate how to care for and maintain tools and equipment used for joining and assembling the following: <u>Sewing workshop/laboratory</u> <i>1. Clean tools after use: After each use, it is important to clean the tools to remove any fabric debris, dust, or dirt. Use a soft cloth or brush to gently wipe down the tools, ensuring all surfaces are clean. Avoid using harsh chemicals that may damage the tools.</i> <i>2. Oil moving parts: For tools with moving parts, such as scissors or sewing machine parts, regular lubrication is crucial. Apply a small amount of sewing machine oil or lubricant to the designated areas as instructed by the manufacturer. This helps prevent rust and ensures smooth operation.</i> <i>3. Store tools properly: Proper storage is key to maintaining tools and equipment. Store them in a clean and dry area, away from moisture and direct sunlight. Use designated storage containers or cases to keep them organized and protected. Avoid tossing tools into drawers or leaving them exposed to prevent damage or loss.</i>	Pictures and charts of food	

	<p>4. <i>Sharpen and replace blades: Blades, such as those on scissors or rotary cutters, can become dull over time. Regularly check the sharpness of the blades and sharpen them if needed. Follow the manufacturer's instructions or seek professional assistance for sharpening. If blades are damaged or beyond repair, replace them with new ones to ensure clean and precise cutting.</i></p> <p>5. <i>Check electrical equipment: For sewing machines and other electrical equipment, regularly inspect the cords, plugs, and switches for any signs of damage or wear. If any issues are detected, have them repaired or replaced by a qualified technician. Keep electrical equipment away from liquids and use surge protectors to prevent damage from power surges.</i></p> <p>6. <i>Follow maintenance schedules: Refer to the user manuals or manufacturer's recommendations for specific maintenance schedules for each tool or equipment. Some may require periodic servicing or adjustments. Adhere to these schedules to keep tools in optimal condition and address any potential issues promptly.</i></p> <p>7. <i>Train users on proper handling: Educate workshop participants on proper tool handling and care. Emphasize the importance of using tools for their intended purposes, avoiding misuse or excessive force. Encourage them to report any tool malfunctions or damage for immediate attention.</i></p> <p><u>Assessment</u> Fill in the blanks with the appropriate word or phrase to complete each sentence.</p> <p>1. After each use, it is important to _____ the tools to remove any fabric debris or dirt.</p> <p>2. _____ the moving parts of scissors and sewing machines helps prevent rust and ensures smooth operation.</p> <p>3. Proper _____ of tools and equipment is important to keep them organized and protected.</p> <p>4. _____ the sharpness of blades regularly and _____ them if needed.</p> <p>5. Regularly inspect _____ equipment for any signs of damage or wear.</p> <p>6. Follow the _____ schedules provided by the manufacturer for each tool or equipment.</p> <p>7. Educate workshop participants on _____ tool handling and care.</p>	
<p>PHASE 3: REFLECTION</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>	

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		Lesson: 2 of 2
Performance Indicator: Learners can demonstrate how to care for and maintain tools and equipment used for joining and assembling.		Core Competencies: CC 8.2: Explain ideas in a clear order with relevant details:
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Phase/Duration	Learners Activities	Resources
PHASE 1: STARTER	Revise with learners to review their understanding in the previous lesson. Share performance indicators with learners.	
PHASE 2: NEW LEARNING	Revise with learners to identify and describe some tools and equipment used for joining and assembling in the various trade areas. Guide learners to discuss the importance of caring for and maintain tools and equipment used for joining and assembling <i>1. Prolonged Lifespan: Regular care and maintenance help extend the lifespan of tools and equipment. By keeping them clean, lubricated, and in good working condition, you can prevent premature wear and tear, reducing the need for frequent replacements. This saves costs and ensures that the tools remain functional for a longer period.</i> <i>2. Optimal Performance: Well-maintained tools and equipment perform at their best. Proper care ensures that they operate smoothly and efficiently, allowing for accurate and precise work. This is particularly crucial in joining and assembling tasks, where precision is essential for achieving strong and durable results.</i> <i>3. Safety: Regular maintenance enhances safety in the workshop. Faulty or poorly maintained tools can pose a risk of accidents, such as blades becoming loose or electrical equipment malfunctioning. By caring for and inspecting tools regularly, potential hazards can be identified and addressed promptly, ensuring a safe working environment for everyone involved.</i> <i>4. Cost Savings: Effective care and maintenance practices can help save money in the long run. By avoiding unnecessary damage or malfunctions, you reduce repair or replacement costs.</i>	Pictures and charts of food

	<p><i>Additionally, well-maintained tools are less likely to cause errors or defects in projects, preventing costly rework or waste of materials.</i></p> <p><i>5. Efficient Workflow: When tools and equipment are properly cared for, they contribute to a smoother workflow. Tools that are in good condition and readily available, without delays caused by breakdowns or malfunctions, enable efficient working processes. This increases productivity and allows for timely completion of projects.</i></p> <p><i>6. Professionalism: Taking pride in caring for tools and equipment reflects professionalism. It shows respect for the craft and the tools of the trade. Demonstrating a commitment to maintaining tools indicates a high level of craftsmanship and attention to detail, which is valued in any professional setting.</i></p> <p>Guide learners to demonstrate how to care for and maintain tools and equipment used for joining and assembling in the various trade areas.</p> <p><u>Assessment</u> Read each statement below and fill in the blanks with the appropriate word or phrase to complete the sentence.</p> <p><i>1. Caring for and maintaining tools and equipment used for joining and assembling is important because it helps extend their _____.</i></p> <p><i>2. Well-maintained tools and equipment perform at their _____.</i></p> <p><i>3. Regular care and maintenance contribute to a _____ working environment.</i></p> <p><i>4. Effective maintenance practices can help save _____ in the long run.</i></p> <p><i>5. Properly cared for tools and equipment enhance _____ in the workshop.</i></p> <p><i>6. Caring for tools reflects professionalism and shows respect for the craft and the tools of the _____.</i></p> <p><i>7. Tools that are in good condition and readily available contribute to a _____ workflow.</i></p>	
<p>PHASE 3: REFLECTION</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>	