

EaD Comprehensive Lesson Plans

Strand:	Tools, Equipment and Processes	Sub-Strand:	Joining and Assembling
Content Standard:	B9.3.3.1 Demonstrate understanding of materials, tools and equipment used for joining and assembling artefacts/products		



or



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<https://www.TeachersAvenue.net>

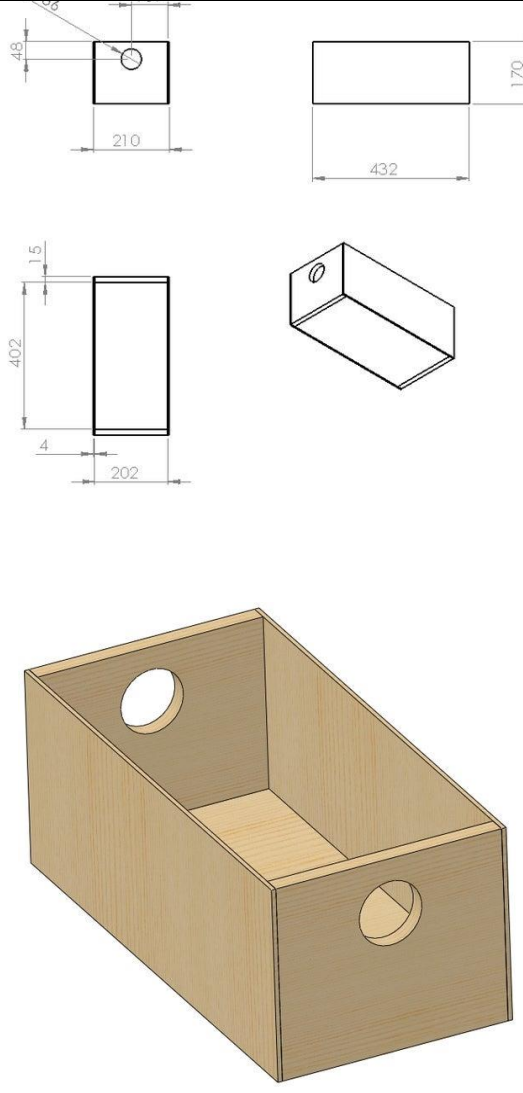
<https://TrendingGhana.net>

<https://www.mcgregorinriis.com>

BASIC 9

WEEKLY LESSON PLAN – WEEK 7

Indicator (s)	B9.3.3.1.2: Demonstrate appropriate skills in the use of joining and assembling tools and equipment for making artefacts/products B9.3.3.1.3: Demonstrate how to care for and maintain tools and equipment used for joining and assembling artefacts/products			Performance Indicator Learners can use joining and assembling tools and equipment to make artefacts.	
Week Ending	23-02-2024				
Class	B.S.9	Class Size:		Duration:	
Subject	Career Technology				
Reference	Career Technology Curriculum, Teachers Resource Pack, Learners Resource Pack				
Teaching / Learning Resources	Poster, plywood, glue, nails, Pictures, Charts, Video.		Core Competencies:	<ul style="list-style-type: none">• Communication and collaboration• Critical Thinking and Problem solving• Personal Development• Creativity and Innovation	
DAY/DATE	PHASE 1 : STARTER	PHASE 2: MAIN			PHASE 3: REFLECTION
WEDNESDAY	Demonstrate on applying joining and assembling techniques and tools to make a wooden chair.	<ol style="list-style-type: none">1. Learners brainstorm to identify the functions of the joining and assembling tools used in making the wooden chair.2. Discuss with the Learners about the use materials, tools and equipment in making artefacts through joining and assembling.3. Learners brainstorm to make money (susu) box using plywood, glue and nails. <p>Materials needed:</p> <ul style="list-style-type: none">- Plywood, 15mm (~0.59") & 3mm (~0.12")- Wood glue- Small nails (we used 2mm x 20mm - 0.08" x 0.78") <p>Tools needed:</p> <ul style="list-style-type: none">- Some sort of saw (And no, the clown won't do)- A drill & a small drillbit (we used 1,5mm (~0.06"))- A hammer <p>Step 1: Planning and Drawing</p>			Reflect on the functions of joining and assembling tools and equipment for making artefacts. Project Engage Learners in designing a money saving box using plywood, nails and glue.

			
FRIDAY	Show Learners pictures and video displaying how to care for and maintain joining and assembling tools .	<ol style="list-style-type: none">1. Assist Learners to identify 5 ways of caring for and maintaining joining and assembling tools.2. Demonstrate on applying 3 different ways of caring for and maintaining joining and assembling tools in making artefacts.3. Learners brainstorm to explain the importance of caring for and maintaining joining and assembling tools. <p>Importance of caring for and maintaining joining and assembling tools and equipment;</p> <p>Ensures a Longer Life</p> <p>This is probably the most obvious reason why you should maintain your tools—it helps them last longer! Think about it this way—if you keep your tools exposed to the</p>	<p>Through questions and answers, conclude the lesson.</p> <p>Exercise;</p> <p>State 5 importance of caring for and maintaining joining and assembling tools.</p>

		<p>elements, then bad things happen to your tools. Rust is the biggest culprit. If we don't ensure that tools are in enclosed areas away from humidity and take the steps to absorb moisture, then we're pushing our tools faster toward old age. If we take care of our tools, then we provide a longer life for them.</p> <p>Results in Cleaner Projects</p> <p>We talked briefly above about how sometimes your saw doesn't saw like it should. That's often the result of a saw that wasn't properly maintained. When we take the time to care for our tools, then we'll end up getting cleaner projects in the end. For example, it'll be much faster, and you'll have cleaner cuts, if you're using a saw that's rust-free <i>and</i> properly sharpened. You may not want to take the time to clean tools after each use or sharpen them beforehand, but those steps are what ensure a better end result.</p> <p>Keeps Users Safe</p> <p>Lastly, and this explains the importance of proper tool maintenance to a tee, is that it keeps users safe. Inspecting tools on a regular basis helps reduce the chances of someone using an unsafe tool. That goes for every tool—from power tools to wrenches and all the way down to drill bits and nails. If you want to keep yourself and anyone else who may use your tools safe, then you have to keep your tools in good condition. Safety is the number one goal, and proper tool maintenance helps you get there.</p>	
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School:

District: