

SECOND TERM

WEEKLY LESSON NOTES

WEEK 3

Week Ending: 21-04-2023	Day:	Subject: Career Technology	
Duration: 60MINS		Strand: Tools, Equipment & Processes	
Class: B8	Class Size:	Sub Strand: Joining & Assembling Materials	
Content Standard: B8.3.3.1 Demonstrate understanding of joining and assembling materials, tools and equipment used for making artefacts/products		Indicator: B8.3.3.1.1: Identify joining and assembling materials, tools and equipment used for making artefacts/products	Lesson: 1 of 2
Performance Indicator: Learners can identify joining and assembling materials, tools and equipment		Core Competencies: CP 6.5: CI 5.4: CI 5.2: CI 6.10:	
Reference: Career Technology Curriculum Pg. 56			
Phase/Duration	Learners Activities	Resources	
PHASE 1: STARTER	<p>Revise with learners to review their understanding in the previous lesson.</p> <p>Share performance indicators with learners.</p>		
PHASE 2: NEW LEARNING	<p>Brainstorm learners to mention some joining and assembling tools used in block work.</p> <p>Paste a chart of pictures of joining and assembling tools used in the block work. Have learners identify the tools and relate to them.</p> <p>Identify materials, tools and equipment used for joining and assembling and their uses.</p> <p><i>Trowels: Trowels are used to spread mortar evenly and apply it to the blocks. A pointing trowel may also be used to apply mortar to the joints between the blocks.</i></p> <p><i>Mortar mixer: A mortar mixer is used to mix mortar quickly and efficiently. This tool is particularly useful for larger projects where a lot of mortar is needed.</i></p> <p><i>Spirit level: A spirit level is used to ensure that the blocks are level and plumb. This tool is essential for ensuring that the finished wall is structurally sound.</i></p> <p><i>Brick hammer: A brick hammer is used to trim and shape blocks to fit around obstacles or to create a specific shape or size.</i></p> <p><i>Chisel: A chisel is used to cut and shape blocks as needed. This tool can be particularly useful when trying to make precise cuts or shapes.</i></p>	Pictures and charts of food	

	<p><i>Mason's line: A mason's line is used to ensure that the blocks are laid in a straight line. This tool is particularly useful for ensuring that the finished wall looks neat and tidy.</i></p> <p><i>Jointer: A jointer is used to finish the joints between the blocks. This tool can be used to create different textures and finishes on the mortar.</i></p> <p><i>Power tools: Power tools, such as grinders or saws, may be used to cut or shape blocks quickly and accurately.</i></p> <p>Guide learners to sketch and label some joining and assembling tools used in the block work.</p> <p>Have learners to display sketches for appraisal</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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Duration: 60MINS		Strand: Tools, Equipment & Processes
Class: B8	Class Size:	Sub Strand: Joining & Assembling Materials
Content Standard: B8.3.3.1 Demonstrate understanding of joining and assembling materials, tools and equipment used for making artefacts/products	Indicator: B8.3.3.1.3: Demonstrate how to care for and maintain tools and equipment used for joining and assembling	Lesson: 21 of 2
Performance Indicator: Learners can demonstrate how to care for and maintain tools and equipment used for joining and assembling		Core Competencies: CP 6.5: CI 5.4: CI 5.2: CI 6.10:
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 on tools and equipment used for joining and assembling in the various trade areas. Let learners sketch and label 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: <i>Clean the tools and equipment regularly: After every use, clean the tools and equipment thoroughly. Use a dry cloth or brush to remove any debris or dirt that may have accumulated on them. Avoid using water to clean tools unless they are specifically designed for use with water.</i> <i>Lubricate moving parts: Moving parts of tools, such as hinges or joints, should be lubricated regularly to prevent rust and wear. Use a small amount of oil or grease to lubricate the parts as recommended by the manufacturer.</i> <i>Store the tools and equipment properly: Store the tools and equipment in a dry and secure place to protect them from moisture, dust, and other contaminants that can damage them. Hang the tools on hooks or store them in a toolbox to keep them organized and easily accessible.</i> <i>Sharpen cutting tools: Cutting tools such as saw blades and drill bits should be sharpened regularly to maintain their effectiveness. Use a sharpening stone or file to sharpen the blades.</i>	Pictures and charts of food

	<p><i>Replace damaged parts: If any part of the tool or equipment is damaged, replace it as soon as possible. Using damaged tools or equipment can result in poor performance and can even be dangerous.</i></p> <p><i>Follow manufacturer's instructions: Always follow the manufacturer's instructions for using and maintaining the tools and equipment. This will help ensure that they perform effectively and last a long time.</i></p> <p><u>Assessment</u> State and explain four ways how to care for and maintain tools and equipment used for joining and assembling.</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>	