

EaD Comprehensive Lesson Plans

Strand:	Tools, equipment and processes	Sub-Strand:	Joining and Assembling
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or



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<https://www.TeachersAvenue.net>


<https://TrendingGhana.net>

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BASIC 7

WEEKLY LESSON PLAN – WEEK 7

Content Standard:	B7.3.3.1 Demonstrate understanding of joining and assembling materials, tools and equipment used for production.				
Indicator (s)	B7.3.3.1.1: Identify joining and assembling materials, tools and equipment used for making artifacts/products B7.3.3.1.2 : Use appropriate skills for joining and assembling artifacts using the materials, tools and equipment B7.3.3.1.3: Demonstrate how to care for and maintain cutting and shaping materials, tools used for production		Performance Indicator: Learners can apply the skills for joining and assembling artifacts or products.		
Week Ending	23-02-2024				
Class	B.S.7	Class Size:		Duration:	
Subject	Career Technology				
Reference	Career Technology Curriculum, Teachers Resource Pack, Learners Resource Pack				
Teaching / Learning Resources	Nails, screws, bolts and nuts, glue.		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
MONDAY	Learners brainstorm to explain “Joining and Assembling”.	<div>1. Discuss examples of Joining and Assembling materials used for making artefacts or products.</div> <div>2. Assist Learners to identify Joining and Assembling tools and equipment.</div> <div>3. Individual Learners brainstorm to sketch joining and assembling tools and equipment.</div> <div>Joining and Assembling;</div> <div>individual work pieces or components are joined to form a new work-piece with a new shape, we talk about joining. The difference between joining and assembling is that, apart from the application of joining processes, assembling also includes other processes like measuring, checking and positioning of components.</div> <div>Joining and Assembling Materials;</div> <div><ul style="list-style-type: none">• Welding• Brazing• Soldering</div>			<div>Learners to display their sketches of Joining and Assembling tools and equipment for appraisal.</div> <div>Exercise;</div> <div><div>1. What are Joining and Assembling?</div><div>2. State 5 Joining and Assembling materials.</div><div>3. Mention 5 Joining and Assembling tools and</div></div>

		<ul style="list-style-type: none"> • adhesive bonding of materials Tools and Equipment; <ul style="list-style-type: none"> • Sewing and crocheting - e.g. thread, needle, crocheting hooks/ pins sewing machine • Food production - skewers, spoons, ladles, utensils • Woodwork - mallet, glues, clamps, screws • Metal work - soldering bit, bolts and nuts • Plastic – epoxy resin, rivets, mallet, screw driver • Building - cement • Paper - glue 	equipment.
THURSDAY	Discuss with Learners on the various ways of using Joining and Assembling materials and tools.	<ol style="list-style-type: none"> 1. Demonstrate the appropriate techniques in using joining and assembling materials and tools. 2. Assist Learners to practice using joining and assembling materials and tools. 3. Assist Learners to dramatize on how to care for Joining and Assembling materials and tools.  <p>Techniques in using Joining and Assembling materials and tools;</p> <ul style="list-style-type: none"> • Sewing and crocheting - stitching, knotting/looping • Food production - cooking methods - boiling, baking ,roasting) • Wood products - nailing, bolting, screwing, gluing • Metal products - soldering, using bolts and nuts • Plastic products - screwing, using adhesives, bolts and nuts • Building - bonding • Paper work - gluing 	Learners brainstorm to identify the safety precautions for using Joining and Assembling materials and tools. <p>Exercise;</p> <ol style="list-style-type: none"> 1. Outline the procedure for joining and assembling in sewing and crocheting. 2. State 5 ways of caring for joining and assembling materials and tools.

Name of Teacher:

School:

District: