

## EaD Comprehensive Lesson Plans



or



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**BASIC 7**

**WEEKLY LESSON PLAN – WEEK 8**

<b>Strand:</b>	Materials for Production		<b>Sub-Strand:</b>	Resistant Materials	
<b>Content Standard:</b>	B7.2.2.1 Demonstrate knowledge of basic concept of resistant materials				
<b>Indicator (s)</b>	B7.2.2.1.1: Describe resistant materials		<b>Performance Indicator:</b> Learners can use resistant materials.		
<b>Week Ending</b>	24-11-2023				
<b>Class</b>	B.S.7	<b>Class Size:</b>		<b>Duration:</b>	
<b>Subject</b>	Career Technology				
<b>Reference</b>	Career Technology Curriculum, Teachers Resource Pack, Learners Resource Pack, Textbook.				
<b>Teaching / Learning Resources</b>	plastic, wood, metal, ceramics, glass and their composites.		<b>Core Competencies:</b>	<ul style="list-style-type: none"><li>• Critical Thinking</li><li>• Problem Solving</li><li>• Communication and Collaboration.</li></ul>	
<b>DAY/DATE</b>	<b>PHASE 1 : STARTER</b>	<b>PHASE 2: MAIN</b>			<b>PHASE 3: REFLECTION</b>
<b>MONDAY</b>	Discuss the meaning of Resistant Material with the Learners.	<div>1. Assist Learners to differentiate between Compliant Materials and Resistance materials.</div> <div>2. Discuss types and examples of Resistant Materials with the Learners.</div> <div>3. Demonstrate using Resistant Materials for Learners to observe.</div> <div>4. Learners brainstorm to use Resistant Materials.</div> <div><b>Resistant materials</b> are materials that are not pliable or flexible and cannot be easily compressed with bare hands.</div> <div><b>Examples of Resistant Materials;</b></div> <div><ul style="list-style-type: none"><li>• Plastic</li><li>• Wood</li><li>• Metal</li><li>• Ceramics</li><li>• Glass</li></ul></div> <div></div>			Through questions and answers, conclude the lesson.  <b>Exercise;</b> <div><div>1. What is a Resistant Material?</div><div>2. State 3 types of Resistant Materials.</div><div>3. Write 2 examples each of the types of Resistant Materials.</div></div>

			
<b>THURSDAY</b>	Show Learners video and pictures of what Resistant Materials are used for.	<ol style="list-style-type: none"> <li>1. Assist Learners to identify and explain the properties of Resistant materials.</li> <li>2. Demonstrate using a Resistant material in the class.</li> <li>3. Learners brainstorm to use Resistant Materials.</li> </ol> <p><b>Properties of Resistant Material;</b></p> <ul style="list-style-type: none"> <li>• tensile strength.</li> <li>• compressive resistance.</li> <li>• hardness.</li> <li>• malleability.</li> <li>• ductility.</li> <li>• elasticity.</li> <li>• grain.</li> </ul> <p><b>Plastics</b>—thermosetting plastics and thermoplastics</p> <p><b>Wood</b>—hardwoods, softwoods and manufactured (man-made) boards</p> <p><b>Metals</b>—ferrous, non-ferrous, alloys and smart.</p>	Summarize the lesson.

Name of Teacher:

School:

District: