



## MATATAG

Bansang Makabata Batang Makabansa

School:		Grade Level:	7
Teacher:		Learning Area:	TLE
Teaching Dates and Time:		Quarter:	Fourth
		Week:	Week 5-Day 5

<b>I. CONTENT, STANDARDS AND LEARNING COMPETENCIES</b>		<b>ANNOTATIONS</b>
<b>A. CONTENT STANDARDS</b>	The learners demonstrate an understanding of the uses and maintenance of hand tools, power tools, instruments, and equipment.	
<b>B. PERFORMANCE STANDARDS</b>	The learners perform mensuration and calculations following safety precautions	
<b>C. LEARNING COMPETENCIES</b>	<b>Learning Competency</b> Identify the uses and maintenance of hand tools, power tools, instruments, and equipment.	
<b>D. LEARNING OBJECTIVES</b>	Learning Objectives At the end of the lesson, the students are expected to: 1. Identify types of manuals 2. Enumerate the methods and techniques in preventive maintenance 3. Practice the methods and techniques in preventive maintenance	
<b>I. CONTENT</b>		
<b>Maintain Tools and Equipment</b>		
<b>II. LEARNING RESOURCES</b>		
<b>A. REFERENCES</b>		

<b>B. OTHER LEARNING RESOURCES</b>	Cunanan, R.C. (n.d.). K to 12 Basic Education Curriculum TLE Learning Module Santelices, D.R. (n.d.). K to 12 Basic Education Curriculum TLE Learning Module Tan, M.E. (n.d.). K to 12 Basic Education Curriculum TLE Learning Module
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### **III. TEACHING AND LEARNING PROCEDURE**

#### **BEFORE/PRE-LESSON PROPER**

<b>ACTIVATING PRIOR KNOWLEDGE</b>		
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#### **LESSON PURPOSE/INTENTION**

<b>LESSON LANGUAGE PRACTICE</b>		
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#### **DURING/LESSON PROPER**

<b>READING THE KEY IDEA/STEM</b>		
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#### **DEVELOPING and DEEPENING UNDERSTANDING OF THE KEY IDEA/STEM**

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#### **AFTER AFTER/POST-LESSON**

<b>MAKING GENERALIZATIONS AND ABSTRACTIONS</b>		
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#### **EVALUATING LEARNING**

<b>EVALUATING LEARNING</b>	<b>Multiple Choice Quiz:</b> Students will answer the 5-item test about the types of manuals, methods, and techniques in preventive maintenance.	Answer key: 1. a
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	<p>1. This type of manuals has the detail procedures for inspecting, servicing, and maintaining machinery and equipment to ensure optimal performance and longevity.</p> <ol style="list-style-type: none"> <li>Maintenance Manuals</li> <li>Safety Manuals</li> <li>Instruction Manuals</li> <li>Equipment Manuals</li> </ol> <p>2. These manuals provide step-by-step guidance on how to operate machinery, tools, or equipment safely and efficiently.</p> <ol style="list-style-type: none"> <li>Maintenance Manuals</li> <li>Safety Manuals</li> <li>Instruction Manuals</li> <li>Equipment Manuals</li> </ol> <p>3. Manuals that provide comprehensive information on the overall operations of an industrial facility or process.</p> <ol style="list-style-type: none"> <li>Maintenance Manuals</li> <li>Safety Manuals</li> <li>Instruction Manuals</li> <li>Operation Manuals</li> </ol> <p>4. This is the checking and tightening of loose fasteners, bolts, nuts, belts and chains.</p> <ol style="list-style-type: none"> <li>Scheduled Maintenance</li> <li>Inspection</li> <li>Tightening and Adjustment</li> <li>Cleaning and Housekeeping</li> </ol> <p>5. Establishing a regular maintenance schedule based on equipment manufacturer recommendations, historical performance data, and industry best practices.</p> <ol style="list-style-type: none"> <li>Scheduled Maintenance</li> <li>Inspection</li> <li>Lubrication Management</li> <li>Cleaning and Housekeeping</li> </ol>	<p>2. c</p> <p>3. d</p> <p>4. c.</p> <p>5. a.</p>
<b>ADDITIONAL ACTIVITIES FOR APPLICATION OR REMEDIATION (IF APPLICABLE)</b>		
<b>REMARKS</b>		
<b>REFLECTION</b>		

**Prepared by:**

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*Subject Teacher*

**Reviewed by:**

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*Master Teacher/Head Teacher*