



**DEPARTMENT OF EDUCATION  
CURRICULUM AND INSTRUCTION DIVISION  
CAREER AND TECHNICAL EDUCATION SECTION**



**TECHNICAL STUDIES UNIT  
JUNKANOO INTEGRATION**

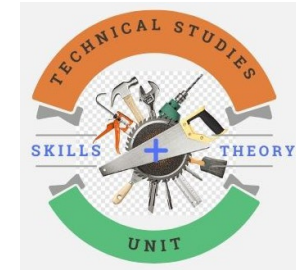
**SUBJECT: WELDING**

**GRADE: 10**

<b>Pacing Guide Week #</b>	<b>Topic</b>	<b>Objectives</b>	<b>Integration Strategy</b>	<b>Resources</b>
Week #1 January 6-9, 2025	<b>Welding Tools</b> a. General Power Tools Safety	<ul style="list-style-type: none"> <li>To introduce students to safety procedures when using welding tools.</li> </ul>	<ul style="list-style-type: none"> <li>Explain that the safety procedures used in a classroom lab are transferrable to a Junkanoo shack.</li> </ul>	<ul style="list-style-type: none"> <li>Students can create a chart to show tools used in welding and describe their uses.</li> </ul>
Week #2 January 13-17, 2025	<b>Welding Tools</b> a. Drills	<ul style="list-style-type: none"> <li>To identify the types of drills used in welding and how to properly use them.</li> </ul>	<ul style="list-style-type: none"> <li>Identify the welding tools used in Junkanoo.</li> </ul>	
Week #3 January 20-24, 2025	<b>Welding Tools</b> a. Handheld Grinders	<ul style="list-style-type: none"> <li>List types of handheld grinders</li> </ul>		
Week #4 January 27-31, 2025	<b>Welding Tools</b> a. Vise Grips and Clamps	<ul style="list-style-type: none"> <li>Demonstrate how to use vise grips and clamps in welding.</li> </ul>		



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**SUBJECT: WELDING**

**GRADE: 11**

<b>Pacing Guide Week #</b>	<b>Topic</b>	<b>Objectives</b>	<b>Integration Strategy</b>	<b>Resources</b>
Week #1 January 6-9, 2025	<b>Oxy-Acetylene Welding</b> <ul style="list-style-type: none"> <li>Welding practical applications</li> </ul>	<ul style="list-style-type: none"> <li>To demonstrate practical applications to welding.</li> </ul>	<ul style="list-style-type: none"> <li>To show students how welding is used in Junkanoo to form shapes and frame pieces.</li> </ul>	<ul style="list-style-type: none"> <li>Students can visit the Junkanoo museum or a shack and experience firsthand the use of welding in Junkanoo.</li> </ul>
Week #2 January 13-17, 2025				
Week #3 January 20-24, 2025				
Week #4 January 27-31, 2025				



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**TECHNICAL STUDIES UNIT  
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**SUBJECT: WELDING**

**GRADE: 12**

<b>Pacing Guide Week #</b>	<b>Topic</b>	<b>Objectives</b>	<b>Integration Strategy</b>	<b>Resources</b>
Week #1 January 6-9, 2025	<b>Welding Fabrication Measurement</b>  • Welding practical applications	• Demonstrate how to measure rods and convert measurements from metric to imperial and vice versa.	• List steps to measure a rod for a shoulder piece frame.	• Students can measure rods that have been pre-cut for a frame and state dimensions in both metric and imperial dimensions.
Week #2 January 13-17, 2025		• Practice converting measurements from metric to imperial.	• Dimension rods using metric dimensions.	
Week #3 January 20-24, 2025				
Week #4 January 27-31, 2025				