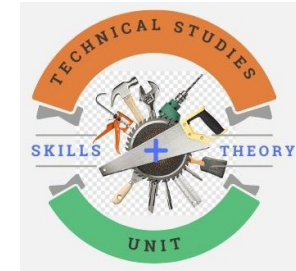




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JUNKANOO INTEGRATION**



**SUBJECT: COMPUTER-AIDED DRAFTING AND DESIGN**

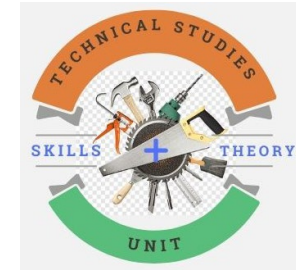
**GRADE: 10**

<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>Pictorial Drawing</b> Isometric Drawings	<ul style="list-style-type: none"> <li>To describe the purpose of an Isometric Drawing</li> </ul>	<ul style="list-style-type: none"> <li>Draw an Isometric of a Junkanoo hat.</li> </ul>	<ul style="list-style-type: none"> <li>Students will use CAD to layout, project and draw an Isometric of a Junkanoo Hat.</li> </ul>
Week #2 January 13-17, 2025		<ul style="list-style-type: none"> <li>Layout baselines and axis for an isometric drawing</li> </ul>		
Week #3 January 20-24, 2025		<ul style="list-style-type: none"> <li>Project the guidelines to create an isometric drawing.</li> </ul>		
Week #4 January 27-31, 2025		<ul style="list-style-type: none"> <li>Create an isometric drawing.</li> </ul>		



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**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>Dimensioning</b> Mechanical Drawings	<ul style="list-style-type: none"> <li>To use an engineering scale to measure and mark dimensions on a mechanical drawing.</li> </ul>	n/a	<ul style="list-style-type: none"> <li>Using CAD create a template for a colour pattern to be used on a Junkanoo hat.</li> </ul>
Week #2 January 13-17, 2025	<b>Theory of Design:</b> Form Follows Function	<ul style="list-style-type: none"> <li>To create objects that are not only aesthetically pleasing, but functional.</li> </ul>	<ul style="list-style-type: none"> <li>To create a drawing of a Junkanoo hat that is both functional and aesthetically pleasing.</li> </ul>	
Week #3 January 20-24, 2025	<b>Floor Plan Design:</b> Schematic Design	<ul style="list-style-type: none"> <li>To draw schematic bubbles/shapes to show the relationship between spaces in a floor plan.</li> </ul>	<ul style="list-style-type: none"> <li>Create a template for the fringe/colour pattern on the hat using shapes and coloured lines.</li> </ul>	
Week #4 January 27-31, 2025	<b>Floor Plan Design:</b> Layout	<ul style="list-style-type: none"> <li>Create a floor plan using the schematic design created as a guideline.</li> </ul>		



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**SUBJECT: COMPUTER-AIDED DRAFTING AND DESIGN**

**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>3D Modeling and Rendering</b>	<ul style="list-style-type: none"> <li>• Generate a rendered elevation of a house, showing finishes and shadows.</li> </ul>	<ul style="list-style-type: none"> <li>• Generate a rendering of a Junkanoo hat using CAD.</li> </ul>	<ul style="list-style-type: none"> <li>• Using the 3d model printer, create a Junkanoo hat form.</li> </ul>
Week #2 January 13-17, 2025		<ul style="list-style-type: none"> <li>• Create a 3D rendering using CAD.</li> </ul>		
Week #3 January 20-24, 2025		<ul style="list-style-type: none"> <li>• Build a 3D model of a simple rectilinear house.</li> </ul>	<ul style="list-style-type: none"> <li>• Build a 3D model of a Junkanoo hat.</li> </ul>	
Week #4 January 27-31, 2025				