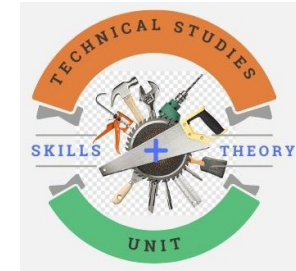




**DEPARTMENT OF EDUCATION
CURRICULUM AND INSTRUCTION DIVISION
CAREER AND TECHNICAL EDUCATION SECTION**



**TECHNICAL STUDIES UNIT
JUNKANOO INTEGRATION**

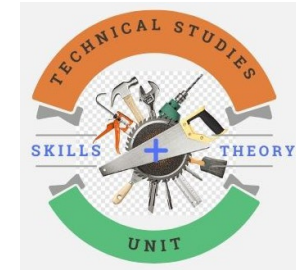
SUBJECT: GRAPHICAL TECHNOLOGY

GRADE: 10

Pacing Guide Week #	Topic	Objectives	Integration Strategy	Resources
Week #1 January 6-9, 2025	Ellipse <ul style="list-style-type: none"> Parts of an ellipse. Methods of constructing ellipse. Tangent and normal to ellipse. 	<ul style="list-style-type: none"> To introduce students to safety procedures when using welding tools. 	<ul style="list-style-type: none"> Explain that the safety procedures used in a classroom lab are transferrable to a Junkanoo shack. 	<ul style="list-style-type: none"> Students can create a chart to show tools used in welding and describe their uses.
Week #2 January 13-17, 2025		<ul style="list-style-type: none"> To identify the types of drills used in welding and how to properly use them. 	<ul style="list-style-type: none"> Identify the welding tools used in Junkanoo. 	
Week #3 January 20-24, 2025	Reduction and Enlargement	<ul style="list-style-type: none"> List types of handheld grinders 		
Week #4 January 27-31, 2025	<ul style="list-style-type: none"> Enlargement and reduction by sides. Enlargement and reduction by area 	<ul style="list-style-type: none"> Demonstrate how to use vise grips and clamps in welding. 		



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SUBJECT: GRAPHICAL TECHNOLOGY

GRADE: 11

Pacing Guide Week #	Topic	Objectives	Integration Strategy	Resources
Week #1 January 6-9, 2025	Introduction to assembly drawing. <ul style="list-style-type: none"> • Sectioning(review) • Engineering assembly drawing. <ul style="list-style-type: none"> • Nuts and bolts, and other fastenings devices. • Orthographic sectional and non-sectional 	<ul style="list-style-type: none"> • To describe the process to lay out an assembly drawing. • To create a drawing of assembly parts. 	<ul style="list-style-type: none"> • To identify the parts of a frame for a Junkanoo costume. • Sketch sectional views of a Junkanoo costume. • Label the parts of a Junkanoo costume. 	<ul style="list-style-type: none"> • Students can deconstruct a Junkanoo costume and label the parts.
Week #2 January 13-17, 2025				

<p>Week #3 January 20-24, 2025</p>	<p>views of simple assembled parts.</p> <ul style="list-style-type: none">• Inserting dimensions, title scale and other important information with respect to the drawing.	<ul style="list-style-type: none">• Insert dimensions on an assembly drawing.• Label an assembly drawing.		
<p>Week #4 January 27-31, 2025</p>				



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SUBJECT: GRAPHICAL TECHNOLOGY

GRADE: 12

Pacing Guide Week #	Topic	Objectives	Integration Strategy	Resources
Week #1 January 6-9, 2025	Drafting Techniques <ul style="list-style-type: none"> • Sketching • Shading/Rendering. • Conventions of Wood, concrete, knurling, glass etc 	<ul style="list-style-type: none"> • List types of freehand sketches. 	<ul style="list-style-type: none"> • Students can sketch a Junkanoo piece and render it using colored pencils. 	<ul style="list-style-type: none"> • Students can assemble Junkanoo pieces and create a sketch with shades and shadows using various weighted pencils.
Week #2 January 13-17, 2025		<ul style="list-style-type: none"> • Practice shading techniques. 		
Week #3 January 20-24, 2025		<ul style="list-style-type: none"> • Create a sketch and render using colored pencils. 		
Week #4 January 27-31, 2025				