

Teacher Name : Joseph Chicaese
Building:

Subject :Precision Machine

Start Date(s): 12/10-14 Grade Level (s): I II III

HAZLETON AREA SCHOOL DISTRICT



DISTRICT UNIT/LESSON PLAN

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Unit Plan

Unit Title: an educational unit title summarizes content across several lessons that establishes and reinforces certain skills and essential knowledge for grade levels and content areas.

Examples - *Building Complete Sentences*

Essential Questions: Essential questions are concept in the form of questions. Questions suggest inquiry. Essential questions are organizers and set the focus for the lesson or unit. Essential questions are initiators of creative and critical thinking. Essential questions are conceptual commitments focusing on key concepts implicit in the curriculum

Examples - What must a scientist do in order to research something?
What is the role of geometry in advertising, architecture, or fabric design?
Do stories need a beginning, middle, and end? Why?
How do people express themselves through art today?

Standards: PA Core Standards, PA Academic Standards/Anchors (based on subject)

Summative Unit Assessment :

Summative Assessment Objective	Assessment Method (check all that apply)
Students will-	<input type="checkbox"/> Rubric <input type="checkbox"/> Checklist <input type="checkbox"/> Unit Test <input type="checkbox"/> Group <input type="checkbox"/> Student Self-Assessment <input type="checkbox"/> Performance Assessment <input type="checkbox"/> Other (explain)

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DAILY PLAN

Day DT	Objective (s)	DOK	Activities / Teaching Strategies	Grouping	Materials / Resources	Assessment of Objective (s)
M 1	<p>Level I & Manuf. Tech – Learning objectives: tasks 705,706,707</p> <p>Level II & III Nims Benchwork, Nims Drill Press, Nims Milling, Nims Turning between centers.</p>		<p>Students will describe and explain the purpose and the process of knurling. Types of tools used: Bump type Clamp type</p>		<p>PMT handbook Unit 4 Section 5 Engine lathe and necessary toolong.</p>	<p>Formative-</p> <p>Summative-</p> <p>Student Self – Assessment-</p>
T 2	<p>Level I & Manuf. Tech – Learning objective: Continue with taper turning task #705,706,707.</p> <p>Level II & III Nims Benchwork, Nims Drill Press, Nims Miliing, Nims Turning between centers</p>		<p>Students will continue with the knurling process. Using various types of knurling wheel inserts.</p> <p>Students will continue with Nims projects by levels.</p>		<p>PMT handbook Unit 4 Section 5 Engine lathe and necessary tooling.</p> <p>Nims blueprints and necessary tooling and machinery.</p>	<p>Formative-</p> <p>Summative-</p> <p>Student Self - Assessment-</p>
W 3	<p>Level I & Manuf. Tech – Taper turning task #707</p> <p>Nims Benchwork, Nims Drill Press, Nims Milling, and Nims Turning between centers.</p>		<p>Students will continue to demonstrate the proper methods of knurling using a medium diamond knurl.</p> <p>Students will continue Nims projects by levels.</p>		<p>PMT handbook Unit 4 Section 5 Engine lathe and necessary tooling.</p> <p>Nims blueprints and necessary tooling and machinery.</p>	<p>Formative-</p> <p>Summative-</p> <p>Student Self - Assessment-</p>
T H 4	<p>Level I & Manuf. Tech. - Taper turning task #707</p> <p>Level II & III</p>		<p>Students will knurl their hammer handle as per print using the bump type knurling tool.</p> <p>Students will continue with Nims projects by level.</p>		<p>PMT handbook Section 5 Unit 4 Engine lathe, tooling and material</p>	<p>Formative-</p> <p>Summative-</p>

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	Nims Layout, Nims Benchwork, Nims Drill Press, Nims Milling, Nims Turning between centers.				Student Self - Assessment-
F 5	Level I & Manuf. Tech – Taper turning task 707 Level II & III Nims Layout, Nims Benchwork, Nims Drill Press, Nims Milling, Nims Turninig between centers.	Students will complete the knurling process on the hammer handle as per print using a medium diamond knurling tool. Students will continue with Nims projects by level.		Engine lathe with a taper attachment, tooling and material Nims blueprints and necessary tooling and machinery.	Formative- Summative- Student Self - Assessment-