Teacher Name : Joseph Chicalese **Subject :Precision Machine** **Start Date(s): 9/18-23** **Grade Level (s): I II III**
Building:

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-	____ Rubric ___ Checklist ____ Unit Test ____ Group ____ Student Self-Assessment _____Performance Assessment ____ 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	Level I & Manuf. Tech Students will-Define Layout and explain its purpose. Identify and use semi precision layout tools. Level II & III NIMs Benchwork, Nims Drill Press, Nims Milling, Nims Turning between centers		Students will layout measurements, angular lines using the square head and protractor head from a combination set. Students will continue with Nims projects by levels.		CR1018 work piece Layout Dye Scribes, rule, combination set. Nims blueprints and necessary tooling and machinery.	Formative- Summative- Student Self – Assessment-
T 2	Level I & Manuf. Tech- Student will-use a surface gage for layout use. Level II & III Nims Benchwork, Nims Drill Press, Nims Miliing, Nims Turning between centers		Students will scribe dimensions from a blue print for their C-clamp project. Students will continue with Nims projects by levels.		CR1018 work piece Layout Dye Surface gage Scribe Rule Nims blueprints and necessary tooling and machinery.	Formative- Summative- Student Self - Assessment-
W 3	Level I & Manuf. Tech- Students will-Identify a hacksaw and the correct usage Level II & III Nims layout, Nims Benchwork, Nims Drill Press, Nims Milling, Nims Turning between Centers.		Students will identify hacksaw blades, how to select and remove and install a hacksaw blade, and the proper cutting speed and cutting direction. Students will continue with Nims projects by levels.		Multi-purpose hacksaw blades Hacksaw Nims blueprints and necessary tooling and machinery.	Formative- Summative- Student Self - Assessment-

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T H 4	**Level I & Manuf. Tech.** **Students will-Task 402** **Cut material with a hacksaw** **Level II & III** **Nims Layout, Nims Benchwork, Nims Drill Press, Nims Milling, Nims Turning between centers**		**Students will cut their material on the layout lines scribed as per print. C- Clamp Project** Students will continue with Nims projects by level.		**CR1018 work piece** **Hacksaw** **Nims blueprints and necessary tooling and machinery.**	**Formative-** **Summative-** **Student Self - Assessment-**
F 5	**Level I & Manuf. Tech.** **Students will-continue with task 402** **Level II & III** **Nims Layout, Nims Benchwork, Nims Drill Press, Nims Milling, Nims Turninig between centers.**		**Students will cut their material on the layout lines scribed as per print. C- Clamp project** **Students will continue with Nims projects by level.**		**CR1018 work piece** **Hacksaw** **Nims blueprints and necessary tooling and machinery.**	**Formative-** **Summative-** **Student Self - Assessment-**