Teacher Name : Joseph Chicalese **Subject :Precision Machine** **Start Date(s): 5/6-10** **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 – Tasks 702,704,705,706,718 Level II & III Nims Benchwork, Nims Drill Press, Nims Milling, Nims Turning between centers.		New project: Lathe Competition Project as per print. Students will turn diameters, lengths and shoulders, machine thread ¾-16 UNF-2A as per print using specified tolerances. Students will continue with Nims projects by levels.		Engine lathe, all necessary tooling, stock, machinist handbook, blueprint Nims blueprints and necessary tooling and machinery.	Formative- Summative- Student Self – Assessment-
T 2	Level I -Tasks 702,704,705,706,718 Level II & III Nims Benchwork, Nims Drill Press, Nims Miliing, Nims Turning between centers		Lathe Project: Lathe Competition as per print Students will continue with Nims projects by levels.		Engine lathe, all necessary tooling, stock, machinist handbook, blueprint Nims blueprints and necessary tooling and machinery.	Formative- Summative- Student Self - Assessment-
W 3	Level I – Tasks 702,704,705,706,718 Nims Benchwork, Nims Drill Press, Nims Milling, and Nims Turning between centers.		Lathe Project: Lathe competition as per print. Students will continue Nims projects by levels.		Engine lathe, all necessary tooling, stock, machinist handbook, blueprint Nims blueprints and necessary tooling and machinery.	Formative- Summative- Student Self - Assessment-
T H 4	Level I –Tasks 702,704,705,706,718 Nims Layout, Nims Benchwork, Nims Drill Press, Nims Milling, Nims Turning between centers.		Lathe Project: Lathe competition as per print. Students will continue with Nims projects by levels.		Engine lathe, all necessary tooling, stock, machinist handbook, blueprint Nims blueprints and necessary tooling and machinery.	Formative- Summative- Student Self - Assessment-

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F 5	**Level I – Tasks 702,704,705,718** **Level II & III** **Nims Layout, Nims Benchwork, Nims Drill Press, Nims Milling, Nims Turninig between centers.**		**Lathe Project: Lathe competition as per print.** Students will continue with Nims projects by levels		**Engine lathe** **All necessary tooling, stock , machinist handbook, blueprint Blueprint material** **Nims blueprints and necessary tooling and machinery.**	**Formative-** **Summative-** **Student Self - Assessment-**