Teacher Name : Joseph Chicalese **Subject :Precision Machine** **Start Date(s): 10/21-25** **Grade Level (s): I II III**
Building:

HAZLETON AREA SCHOOL DISTRICT

DISTRICT UNIT/LESSON PLAN

Teacher Name : Joseph Chicalese **Subject :Precision Machine** **Start Date(s): 10/21-25** **Grade Level (s): I II III**
Building:

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)

Teacher Name : Joseph Chicalese **Subject :Precision Machine** **Start Date(s): 10/21-25** **Grade Level (s): I II III**
Building:

DAILY PLAN

Day DT	Objective (s)	DOK	Activities / Teaching Strategies	Grouping	Materials / Resources	Assessment of Objective (s)
M 1	Level I & Manuf. Tech – Task 705-706- 708 Level II & III Nims Benchwork, Nims Drill Press, Nims Milling, Nims Turning between centers.		Describe and explain the purpose and process of knurling for Hammer handle project. Students will continue with Nims projects by levels.		Engine Lathe All necessary tooling Blueprint Material Nims blueprints and necessary tooling and machinery.	Formative- Summative- Student Self – Assessment-
T 2	Level I & Manuf. Tech – Task 705 – 706-707-708 Level II & III Nims Benchwork, Nims Drill Press, Nims Miliing, Nims Turning between centers		Students will practice knurling process for hammer handle. Students will continue with Nims projects by levels.		Engine lathe PMT Unit 5 Taper Turning All necessary tooling Blueprint Material Nims blueprints and necessary tooling and machinery.	Formative- Summative- Student Self - Assessment-
W 3	Level I & Manuf. – Task 705 – 706 – 707-708 Nims Benchwork, Nims Drill Press, Nims Milling, and Nims Turning between centers.		Students will perform knurling process on their hammer project as per print.		PMT Unit 5 Taper Turning Engine lathe All necessary tooling Blueprint Material Nims blueprints and necessary tooling and machinery.	Formative- Summative- Student Self - Assessment-
T H 4	Level I & Manuf. Tech. –Task705 - 706 – 707- 713 Level II & III Nims Layout, Nims Benchwork, Nims Drill Press, Nims Milling, Nims Turning between centers.		Explain, and demonstrate how use a die to cut threads on a lathe for hammer handle project. Students will continue with Nims projects by levels.		Engine lathe All necessary tooling Blueprint Material	Formative- Summative-

Teacher Name : Joseph Chicalese **Subject :Precision Machine** **Start Date(s): 10/21-25** **Grade Level (s): I II III**
Building:

					Nims blueprints and necessary tooling and machinery.	**Student Self - Assessment-**
F 5	**Level I & Manuf. Tech – Task 705 – 706 – 707-713** **Level II & III** **Nims Layout, Nims Benchwork, Nims Drill Press, Nims Milling, Nims Turninig between centers.**		**Students will cut threads on the hammer handle using a die on the engine lathe as per print,** Students will continue with Nims projects by levels		**Engine lathe** **All necessary tooling** **Blueprint** **material** **Nims blueprints and necessary tooling and machinery.**	**Formative-** **Summative-** **Student Self - Assessment-**