

Teacher Name : Joseph Chicaese
Building:

Subject :Precision Machine

Start Date(s): 2/3-7

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 | 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 3/4-16 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 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- |
| 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- |
|--------|--|---|---|--|