

Day	Anchor	Eligible Content	Objective	Strategies for this lesson	Assessment
Mon	Identify and apply the meaning of vocabulary in nonfiction.	Identify and/or apply meaning of content-specific words used in text. CC.3.5.11-12C	<b>Level I – Finish hammer head, machining and fitting hammer head inserts, as per print. Manufacturing Tech. – Lathe project- Identify and describe the print B101sp</b> <b>Level II – Continue with Nims, Bench Work Job Duty 2.1. Explain the procedures for reaming operations, for Nims Drill Press Job Duty 2.8 project.</b> <b>Level III – Nims turning between centers and Nims chucking.</b>	Demonstration, Graphic Organizer, Word Wall, PDN, Reflection, Notes,.	<b>Formative:</b> Observations, Rubrics, Quizzes, and daily class work <b>Summative:</b>
Tue	Use and /or develop procedures to determine measurements of projects	Apply appropriate techniques, tools and formulas to determine measurements. M.11.B.2	<b>Level I – Threading. Identify the parts of a thread and define thread terminology. Manufacturing Tech – Describe the facing and turning procedures for print B101sp.</b> <b>Level II – Nims, Bench Work Job Duty 2.1 Explain the procedures for countersinking operations and calculate countersink feed depth for Nims Drill Press Job Duty 2.8 project.</b> <b>Level III – Nims turning between centers Job Duty 2.3 and Nims chucking Job Duty 2.4</b> <b>CNC lesson : Creating G and M code programming.</b>	Demonstration, PDN, Guided practice, Independent work, Observation	<b>Formative:</b> Observations, Rubrics, Quizzes, Class & Shop activity <b>Summative:</b>
Wed	Use and/or develop procedures to determine measurements of projects	Apply appropriate techniques, tools and formulas to determine measurements. M.11.B.2	<b>Level I – Perform calculations for thread cutting on an engine lathe. Manufacturing Tech. – Project B101sp. As per print.</b> <b>Level II – . Continue with Nims Bench Work Job Duty 2.1. Explain the procedures for counter boring/ spot facing operations for Nims Drill Press Job Duty 2.8 project.</b> <b>Level III –Nims turning between centers Job Duty 2.3 and Nims chucking projects Job Duty 2.4</b> <b>CNC lesson : Creating G and M code programming.</b>	Demonstration, PDN, Guided practice, Independent work, Observation	<b>Formative:</b> Observations, Rubrics, Quizzes, and daily class work and shop work <b>Summative:</b>
Thur	Use and/or develop procedures to determine measurements of projects	Apply appropriate techniques, tools and formulas to determine measurements. M.11.B.2	<b>Level I – Describe the proper set up of a work-piece and cutting tool for treading on an engine lathe. Manufacturing Tech. – Project B101sp as per print.</b> <b>Level II – . Nims Bench Work Job Duty 2.1. Explain the procedures for tapping operations and estimate number of tap turns to achieve a given depth for Nims Drill Press Job Duty 2.8 project.</b> <b>Level III – Nims turning between center Job Duty 2.3 and Nims chucking projects Job Duty 2.4</b> <b>CNC programming using G and M codes.</b>	Demonstration, PDN, Guided practice, Independent work, Observation	<b>Formative:</b> Observations, Rubrics, Quizzes, and daily class work Shop activity <b>Summative:</b>
Fri	Use and/or develop procedures to determine measurements of projects	Apply appropriate techniques, tools and formulas to determine measurements. M.11.B.2	<b>Level I – Lathe project machining a ¾-16 UNC -2A thread as per print. Manufacturing Tech. – Lathe project B101sp as per print.</b> <b>Level II – Nims Bench Work Job Duty 2.1. Nims Drill Press Project Job Duty 2.8</b> <b>Level III - Nims turning between center projects Job Duty 2.3 and Nims chucking projects 2.4</b> <b>CNC programming using G and M codes.</b>	Demonstration, PDN, Guided practice, Independent work, Observation	<b>Formative:</b> Observation, Rubrics, Quizzes, and daily class work Shop activity

Connection to Anchor: Reading of instructions from book, handouts, board; writing and interpreting instructions from teacher, book, handouts, board, and interpreting, completing and formatting daily assignments. Materials: Shop text, project prints, all tooling & equipment to complete task.