

Curriculum Map

Grade: 7th & 8th **Subject: Industrial Technology: Metals Building: Pierce Teacher: Hutchison
& Tech Lab**

18 Week Course	
Essential Questions	<ul style="list-style-type: none"> • What is Technology? • What is the Designing Process? • What are the impacts of Technology? • How do you use Technology Resources? • How is technology used for learning? • How are the Modules related to Job Skills?
Content in terms of essential concepts and topics	<ul style="list-style-type: none"> • The Concepts of Technology: Its' Changes, Resources and Systems. • Technology Processes, Tools and Machines, Engineering Materials. • The Design Process and Problem Solving Techniques. • Manufacturing Systems: The Evolution of Manufacturing and Organizing Manufacturing Systems. • Product Production: Planning, Producing, Selling, Models and Prototypes. • The world of construction: design requirements & the evolution of construction.
Standards/skills (i.e., processes and skills emphasized— State Academic Standards, and MCSC skills)	Indiana Technology Education Curriculum Standards: #1, #2, #3, #4, #5, #7, #8, #9, #10 #11, #12, #13, #14 #16, #17.
Products/Assessments It is assumed that students will be assessed with traditional tests.	<ul style="list-style-type: none"> • Lab Activities • Rubrics • Self Evaluation • Power Writing Essay • Assignments and Tests • Professionalism and Work Habits • Pre-test and Post –test on each Module • Grades maintained by Baldrige tracking.
Resources	<ul style="list-style-type: none"> • Textbook • Class Projects • Tools and Machines

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| | <ul style="list-style-type: none">• Project Materials and Supplies• Local Businesses• Internet• Module guides• Teacher |
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