

Curriculum Mapping

School: Illini Bluffs Middle School

School Year: 2010-2011

Course: **Industrial Technology**

Grade Level: **7**

Month	ILS	Content	Skills	Assessments	Resources
August		Introduction to the world of manufacturing. (discussion)	Appreciation of how manufacturing impacts our lives.	None	Teacher
	7.A.3a	Basic measuring to 1/16" accuracy.	Ability to measure accurately.	3 Quizzes	Quiz forms
	7.B.3	Discussion of tolerances and tolerancing.	Understanding of Industrial Processes.	Final Project Grade	Teacher, SMART Board.
	5.C.3a	Metalwork Vocabulary assignment.	Understanding of Industrial Vocabulary.	Vocabulary Grade	Metals Textbook
	15.D.3c 16.C.3b 16.C.3c	Begin Technology History Story.	Appreciation of current technologies and how we derived them.	Technology History Quiz	Teacher, Quiz Form
	19.C.3a	Shop Safety Rules Discussion and shop tour. Antique Technology Demonstrations.	Ability to work safely in shop. Appreciation of current technologies.	Final Project Grade Technology History Quiz	Teacher, Shop Equipment Teacher-Supplied Antiques
September	19.C.3a	Proceed to shop and shear down Blanks.	Ability to operate squaring shear safely.	Final Project Grade	Squaring Shear, Safety Glasses
	7.B.3	Learn correct way to check blanks for accuracy, squareness.	Craftsmanship Ethic.	Final Project Grade	Teacher, Tape Measure
	7.A.3b 9.A.3a	Perform Layout work on	Interpretation of blueprints, craftsmanship ethic.	Final Project Grade	Drafting Scales

	19.C.3a	blanks from blueprint. Snip out features using Tin Snips.	Craftsmanshp Ethic	Final Project Grade	Safety Glasses, Tin Snips
October	7.B.3	Bend features on box and pan brake. Hold Tolerances	Craftsmanship Ethic	Final Project Grade	High School Helper, Box and Pan Brake, Safety Glasses
	19.C.3a	Weld Components together on spot welder.	Craftsmanship Ethic, Appreciation of ability to create something with one's own hands.	Final Project Grade	High School Helper, Spot Welder, Safety Glasses
	15.D.3c 16.C.3b 16.C.3c	Finish Technology History Story.	Appreciation of current technologies.	Technology History Quiz	Teacher, Quiz Form
	19.C.3a	CNC Mill Demonstration	Appreciation of current technologies.	None. Souvenir is supplied to each student	CNC Mill, Safety Glasses
November		Above Curriculum is repeated 4 Times Throughout the school year, each time with a different group of students.			
December					
January					
February					
March					
April					
May					