



School District of Horicon

Course Outline

Learning Targets

Middle School Tech Ed

UNIT: Measurement

The student will be able to

- Understand basic fractions to the nearest 1/8"
- Perform correct and proper tape measure and square usage
- Recognize and learn how to read print layouts to transfer onto wood

UNIT: Graphics

The student will be able to

- Create a title page using a simple program
- Determine what is required to make a simple flier
- Distinguish proportion, justification and other graphic terminology

UNIT: Safety

The student will be able to

- Perform safety by using hand tools and specific equipment properly
- Effectively perform correct safety procedures in the classroom/lab/shop
- Understand what are Safe and unsafe behaviors and operations

UNIT: Wood working

The student will be able to

- Distinguish between hardwood and softwood trees
- Read procedures in order to make a project out of wood
- Use tools to assist themselves in making a project
- Evaluate their project to understand what was correct and what needs improvement

UNIT: Metals

The student will be able to

- Operate machines to help design a project
- Read prints and perform proper layout of a project
- Use equipment to cut metal and parts out
- Evaluate their project to understand what was correct and what needs improvement

UNIT: Engineering

The student will be able to

- Collaborate with peers to figure out solutions to a given problem
- Cooperate with peers to construct and perform tasks to a given situation
- Design and create something to improve upon something else.

- Evaluate given objectives to determine if the problem was solved

Students will be able to meet the learning targets above as evidenced by formative and summative classroom assessments.