

Expectations and Outcomes

Grade Level/Course:10-12

Content Area: Tech Ed

Unit Title	Guarantees
Unit 1 Safety	<ul style="list-style-type: none"> • Students will know and apply safe usage of each machine and hand tools in the lab.
Unit 2 Measuring and Converting	<ul style="list-style-type: none"> • Students will know inch fractions to the 1/16. • Students will simplify, add and subtract fractions. • Students will know meter, centimeter and millimeter measuring systems.
Unit 3 Practice Invention	<ul style="list-style-type: none"> • Students will analyze various production methods • Students will understand how to use Excel • Understand the Design Process
Unit 4 Exploring Business Structures & Marketing	<ul style="list-style-type: none"> • Students will evaluate business structures to choose the best business structure for their desired business. • Students will understand the basics of marketing.
Unit 5 Material Strengths and Weaknesses	<ul style="list-style-type: none"> • Students will apply their knowledge of materials to select the most appropriate materials for their project.
Unit 6 Inventions	<ul style="list-style-type: none"> • Students will work in a group to create an enterprise. • Students will apply the steps of the design process to refine their product. • Students will create a Business Plan. • Students will present their business to a group of teachers in the form of an investment pitch.