

## Expectations and Outcomes

Grade Level/Course: Seventh Grade

Content Area: Tech Ed

Unit Title	Guarantees
Laser Engraving Project	<ul style="list-style-type: none"> <li>• Select proper clipart</li> <li>• Understand the use of the laser engraver</li> </ul>
Architectural Design	<ul style="list-style-type: none"> <li>• Learn CAD program (3-d Home Designer)</li> <li>• Design practical house plan</li> <li>• Calculate area</li> <li>• Research career</li> </ul>
Electricity/electronics	<ul style="list-style-type: none"> <li>• Ohm's law</li> <li>• Multi-meter use</li> <li>• Algebra</li> <li>• Precision minded</li> </ul>
Measurements	<ul style="list-style-type: none"> <li>• Measure to nearest 1/16th</li> <li>• Correct use of tools</li> </ul>
Bridge builder	<ul style="list-style-type: none"> <li>• ID geometric figures for strength</li> <li>• Correctly construct</li> </ul>
Car/Truck Builder	<ul style="list-style-type: none"> <li>• ID safety devices built into vehicles</li> </ul>
NXT Robotics	<ul style="list-style-type: none"> <li>• ID proper blocks to use for programing</li> <li>• program</li> </ul>