

Elizabethtown Area School District  
Scope & Sequence - Quick Reference



**Department:** Technology and Engineering

**Course:** 7th Grade Technology and Engineering

**Grade Level(s):** 7

<i>Unit Title</i>	<i>General Topic(s)</i>	<i>Pacing</i>
1. Introduction	<ul style="list-style-type: none"><li>● Introduction to class</li><li>● Problem solving methods</li></ul>	Day 1
2. Material Processing: Advanced Manufacturing	<ul style="list-style-type: none"><li>● Orthographic projection</li><li>● Computer Aided Drafting / 3D Modeling</li><li>● Computer Aided Manufacturing</li><li>● 3D printing</li></ul>	Days 2 - 6
3. Material Processing: Traditional Manufacturing	<ul style="list-style-type: none"><li>● Creating patterns</li><li>● Tool safety</li><li>● Computer Aided Manufacturing - CNC Router / Laser Engraver</li><li>● Assembling a project</li></ul>	Days 7 - 16