

# Industrial Technology

Intermediate Wood Technology

2007

Nature of Technology	Technology and Society Interaction	Technology for Productivity	Technology and Communications Applications
<p><b>Definition:</b> Students learn that technology is exponential, driven by history, design, and commercialization shaped by need, creative/inventive thinking, economic factors and cultural influences.</p>	<p><b>Definition:</b> Students recognize and understand the impact technology has on society and history. Students engage in ethical use of technology</p>	<p><b>Definition:</b> Students learn the operation of technology through the use of technology and productivity tools.</p>	<p><b>Definition:</b> Students use an array of technologies and apply design concepts to communicate with multiple audiences, acquire and disseminate information and enhance learning.</p>
<p><b>Questions:</b> What is technology? What makes technology useful?</p>	<p><b>Questions:</b> What are ethical ways for using technology? How does technology affect technology?</p>	<p><b>Questions:</b> What tools increase industry productivity? How are technology tools used to increase productivity?</p>	<p><b>Questions:</b> Is technology an effective way to communicate and problem solve?</p>
<p><b>Indicators:</b> 1. Describe and explain different technologies in the wood lab 2. Understand how woodworking technology impacts lives</p>	<p><b>Indicators:</b> 3. Practice safe and ethical woodworking techniques 4. Understand wood technologies and how these advancements have changed the woodworking industry</p>	<p><b>Indicators:</b> 5. Explain how advancements in the woodworking industry have affected productivity 6. Effectively use woodworking tools to increase productivity</p>	<p><b>Indicators:</b> 7. Communicate using graphic representations of projected plans</p>

Technology and Information Literacy	Design	Designed World
<p><b>Definition:</b> Students engage information literacy strategies, use the Internet technology tools and resources, and apply information management skills to answer questions and expand knowledge.</p>	<p><b>Definition:</b> Students apply problem- solving strategies demonstrating the nature of design, the role of engineering, and the role of assessment.</p>	<p><b>Definition:</b> Students understand their role in the designed world.</p>
<p><b>Questions:</b> What makes a person technologically literate? How is technology applied?</p>	<p><b>Questions:</b> What is the problem solving and design process?</p>	<p><b>Questions:</b> What processes and materials are used in industrial technology and how are they graphically represented?</p>
<p><b>Indicators:</b> 8. Operate and describe significance of woodworking machines</p>	<p><b>Indicators:</b> 9. Apply the problem-solving and design processes to solve problems in the wood lab</p>	<p><b>Indicators:</b> 10. Correctly use materials in the wood lab</p>