

Technology Education / Technology Transfer Pacing Guide

Time Frame	SOL Objective/ Competency	Essential Understandings/Questions	Essential Knowledge/Skills (Daily Snap Shot Quizzes to Check Progress)
1 st Quarter (First 4½ Weeks)	001-007	Demonstrating Workplace Readiness Skills: Personal Qualities and People Skills	Students will pre assess, read, study, explain, and post assess chapters 13 through 18 from the Succeeding In The World or Work Text Book. C2 <i>(Procedural Knowledge: Understand)</i>
	034-044	Applying the Foundations of Technology	Students will pre assess, read, study, explain, and post assess chapters 1 through 6 from the Introduction to Technology Text Book. C2 <i>(Procedural Knowledge: Understand)</i> Technology Labs Types of Technology Technology Concepts Tools, Materials, and Processes Design and Problem Solving From Drawings to Prototypes Technology Connections

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2 nd Quarter (Second 4½ Weeks)	008-017	Demonstrating Workplace Readiness Skills: Professional Knowledge and Skills	Students will pre assess, read, study, explain, and post assess chapter 8 through 12 from the Succeeding In The World or Work Text Book. C2 <i>(Procedural Knowledge: Understand)</i>
	045-052	Integrating Technological Systems and Other School Disciplines	Students will pre assess, read, study, explain, and post assess chapters 7 through 12 from the Introduction to Technology Text Book. C2 <i>(Procedural Knowledge: Understand)</i> Technology Labs Energy and Power for Technology Electricity to Electronics Wave Communication Computer Technologies Graphic Communication Photographic Technologies Multimedia Technologies

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3 rd Quarter (Third 4½ Weeks)	018-021	Demonstrating Workplace Readiness Skills: Technology Knowledge and Skills	Students will be using various software to create job specific documents. C6 <i>(Procedural Knowledge: Create)</i> Word Document Spread Sheet Power Point Database Flyer Drawing Flash Document Webpage Edited Photo

	045-052	Integrating Technological Systems and Other School Disciplines	<p>Students will pre assess, read, study, explain, and post assess chapters 13 through 17 from the Introduction to Technology Text Book. C2 (<i>Procedural Knowledge: Understand</i>)</p> <p>Technology Labs: Medical Biotechnologies Agricultural Technologies Manufacturing Systems Manufacturing in the 21st Century</p>
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4 th Quarter (Last 4½ Weeks)	022-029	Examining All Aspects of an Industry	Students will pre assess, read, study, explain, and post assess chapter 11 through 15 from the Technology Engineering and Design Text Book. C2 (<i>Procedural Knowledge: Understand</i>)
	030-033	Addressing Elements of Student Life	<p>Students will pre assess, read, study, explain, and post assess chapter 1 through 3 from the Technology Engineering and Design Text Book. C2 (<i>Procedural Knowledge: Understand</i>)</p> <p>Students will create a portfolio of all work in the form of an interactive webpage. C6 (<i>Procedural Knowledge: Create</i>) Student will also run and maintain a FTC-TSA Club C6 (<i>Procedural Knowledge: Create</i>)</p>
	045-052	Integrating Technological Systems and Other School Disciplines	<p>Students will pre assess, read, study, explain, and post assess chapters 18 through 22 from the Introduction to Technology Text Book. C2 (<i>Procedural Knowledge: Understand</i>)</p> <p>Technology Labs: The World of Construction Building a House Heavy Construction Transportation Power Transportation Systems</p>