



# TRANSPORTATION, DISTRIBUTION AND LOGISTICS CLUSTER

## LESSON 3

<b>Lesson Plan Title:</b> Careers in the Automotive Industry		<b>Instructor:</b>
<b>Suggested Total Time for Lesson (minutes):</b> 90 minutes (2 days)		
<b>Content Focus - What Will Students Learn? (Content Skill Sets)</b>		
Students will list and discuss career opportunities in Automotive Technology, Collision Repair Technology, Diesel Equipment Technology, and Power Equipment Systems. They will identify which they like most and why. (Leading to the Culminating Event for Transportation, Distribution and Logistics- Power and Energy Rubber Band Car Project)		
0976.TR.1620 Automotive Technology 0976.TR.1670 Collision Repair Technology 0976.TR.1740 Diesel Equipment Technology 0976.TR.1960 Power Equipment Systems		
<b>Materials and Resources- What do you need to assemble and prepare before the lesson?</b>		
<b>Materials:</b> <ul style="list-style-type: none"> <li>• Pencil</li> <li>• Grid Paper</li> <li>• Drawing Paper</li> <li>• Computer (Research)</li> </ul>		<b>Resources:</b> <ul style="list-style-type: none"> <li>• <i>PCTVS School of Automotive Technology - Bing video</i></li> <li>• <i>1,000 HP COMPLETE CHEVELLE BUILD IN MINUTES! - Bing video</i></li> </ul>
<b>Lesson Outline: What learning activities will your students do?</b>		
<b>Time</b>	<b>Sequence/Description of Learning Activity</b>	
15 minutes	<b>Get Started/Explain:</b> Student will watch the videos for a better understanding of <ul style="list-style-type: none"> <li>• Automotive Technology</li> <li>• Collision Repair Technology</li> <li>• Diesel Equipment Technology</li> <li>• Power Equipment Systems</li> </ul>	
30 minutes 30 minutes	<b>Discover/Engage/Practice:</b> Students will draw the vehicle of their choice: <ul style="list-style-type: none"> <li>• Identify the career area they are most interested in, such as...drawing an engine, special design to the exterior of the vehicle with color, maybe a tractor trailer, motorcycle.</li> <li>• Research careers in the related areas.</li> </ul>	
15 minutes	<b>Check for Understanding/Summarize/Close:</b> Students will explain the differences between the areas of Automotive Technology, Collision Repair Technology, Diesel Equipment Technology and Power Equipment Systems.	
<b>Modifications, Support, and Extensions (for those students with IEP)</b>		
<b>Reflection- Did the students learn the content outlined in the lesson focus? Why or why not?</b>		