



# MANUFACTURING CLUSTER

## LESSON 5

<b>Lesson Plan Title:</b> Flying Monkey Manufacturing Company		<b>Instructor:</b>
<b>Suggested Total Time for Lesson (minutes):</b> 45-90 minutes (1-2 days)		
<b>Content Focus - What Will Students Learn? (Content Skill Sets)</b>		
<p>0972.MA.1866.2 Exhibit Flexibility and Adaptability          0972.MA.1866.3 Demonstrate Leadership Skills          0972.MA.1866.4 Recognize others or their contributions          0972.MA.1866.5 Demonstrate Group Process Techniques          0972.MA.1866.6 Organize Work          0972.MA.1903.12 Develop an order of Operations (Process Plan) based on blueprint specifications</p>		
<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>• Activity: Airplane Company (Flying Monkey)</li> <li>• Tape Measure</li> <li>• Paper</li> <li>• Paper Clips</li> </ul>		<b>Resources:</b>
<b>Lesson Outline: What learning activities will your students do?</b>		
<b>Time</b>	<b>Sequence/Description of Learning Activity</b>	
10-15 minutes	<b>Get Started/Explain:</b> Students will be introduced to today's challenge. To Accurately produce the most dart airplanes within a time limit.	
30-35 minutes	<b>Discover/Engage/Practice:</b> <ul style="list-style-type: none"> <li>• Students will assign roles within their teams (7 Roles)</li> <li>• Students work through the exercise and identify points of improvement within their process to increase their efficiency.</li> </ul>	
10-15 minutes	<b>Check for Understanding/Summarize/Close:</b> <ol style="list-style-type: none"> <li>1. What happens when the process runs at a slow pace?</li> <li>2. What happens when the process speeds up?</li> <li>3. What is the maximum output per minute?</li> <li>4. List where bottlenecks might occur in your everyday lives.</li> </ol>	
<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>		