

Manufacturing Career Cluster Video

<http://mygpsforsuccess.com/manufacturing-2/>

Video Description	Build the things that keep people working. Check out high tech careers that give you the satisfaction of saying, "I did that" at the end of the day.
Resource Description	When you see a car moving down the road, it's easy not to think about all the work that goes into building it into the 3000 pound, technological marvel it really is. The manufacturing industry constructs all the parts necessary to build things like engines, boats, and tools. Individuals in this industry are skilled in operating high tech machinery used to produce all of these things and much more. They also need to be able to diagnose and respond whenever there are problems with the production process. If you like working with technology and doing something where there is a physical product at the end of the day, then maybe the manufacturing industry is for you!
Discussion Questions	<ol style="list-style-type: none">1. What types of training are necessary to earn a job in the manufacturing industry?2. What are the benefits of pursuing a High Tech Career?3. What types of careers are associated with manufacturing and what types of materials are they working with?4. Can you name local manufacturing careers in your community?
Vocabulary Words and Definitions	<ol style="list-style-type: none">1. Assembly Line - a type of manufacturing where the product is assembled by a series of operations until completed2. Automation - a building or assembly process done by machines3. Die-tool - for cutting out metal4. Fabricate - To build something5. Forge - process of refining metal through heating and shaping6. Machinist - a skilled operator of a machine7. Production - creating goods for sale8. Technology - using science to improve the world9. Trouble Shoot - determining why something isn't working and figuring out ways to fix it10. Welding - cutting or joining two pieces of metal