

# Show-Off Your Smarts!



## Instructions

- Assemble into a small group assigned by the instructor.
- As a group, review the questions below.
- As a group, select one of the questions to discuss.
- Discuss your ideas/answers/responses as a group.
- Select one person to present your response to the class.

**Q1. How can this information be applied to a young-person's life?**

**Q2. Why might this information be important to a business person?**

**Q3. What type of businesses must apply this information and why?**

**Q4. As a business owner, how would you apply this information?**

**Q5. How might this information make you a better employee?**

*Information covered in this topic ...*

Industrial Revolution

Quality

Getting a Job

Robotics

3-D Printing

Manufacturing Process

Equipment Types

Trends

Standard: MAAS.04.07.a Manufacturing Equipment

# Review Your Understanding



**Based on the previous text and illustrations,  
answer these (T/F)**

3-D Printing is actually used today in some businesses. T / F

Manufacturing has been around only about 60 years. T / F

Equipment for manufacturing today is the same as 10 years ago. T / F

Manufacturing jobs are an important part of the American economy. T / F

Quality is a key goal for manufacturing companies. T / F



Robotics play an increasingly important part in the manufacturing of automobiles. T / F

Equipment used at a manufacturing facility must also be well-maintained. T / F

Purchasing manufacturing equipment requires capital investments (money). T / F

Manufacturing companies are the exact same thing as a service company. T / F

The expression OEM means “Original Equipment Manufacturer.” T / F

Self-Check. Don't Peek: T F F T T \* T T T F T

Standard: MAAS.04.07.a Manufacturing Equipment

WEB Honeycutt.biz April.2017 BlockMAAS.04.07.a

TYPE Web.Student PDF.FORMAT MfgEquip13.jpg

## R.A.C.E.

*Use this hypothetical business situation to complete your R.A.C.E. page.*



Assume you are the manager of a small industrial manufacturing shop. You recently attended a trade-show and saw a demonstration of a robotic-controlled metal-bender.

Using the metal-bending robot might improve the quality of your manufactured products. But, the robot is expensive to purchase. Also, the robot might replace some of the workers you supervise.

**How would you respond to the situation?**

Standard: MAAS.04.07.a Manufacturing Equipment

# Manufacturing Equipment



**Rephrase. Answer. Citation. Example.**

**Rephrase** the instructor's question regarding the topic.

**Answer** the question above in three ways. Use your notes from the videos, the summarized paragraphs, or the discussion.

1

2

3

**Cite** the source (video/paragraph) you used in your answers.

1 *Your source:*

2 *Your source:*

3 *Your source:*

**Example** write an example situation related to the topic.

Standard: MAAS.04.07.a Manufacturing Equipment