

**3<sup>rd</sup> Grade Career Development**  
**Activity #13: Manufacturing Careers**  
**Estimated time: 30-45 minutes**

**National Career Development Guidelines Indicators**

ED1 - Attain educational achievement and performance levels needed to reach your personal and career goals

- ED1.K7 - Recognize that your educational achievement and performance can lead to many workplace options
- ED1.K8 - Recognize that the ability to acquire and use information contributes to educational achievement and performance

ED2 - Participate in ongoing, lifelong learning experiences to enhance your ability to function effectively in a diverse and changing economy

- ED2.K3 - Recognize the importance of being an independent learner and taking responsibility for your learning

CM3 - Use accurate, current, and unbiased career information during career planning and management

- CM3.K2 - Recognize that career information includes occupational, education and training, employment, and economic information and that there is a range of career information resources available
- CM3.K4 - Identify several ways to classify occupations

CM4 - Master academic, occupational, and general employability skills in order to obtain, create, maintain, and/or advance your employment

- CM4.K4 - Recognize that many skills are transferable from one occupation to another

**Goal:**

Students will investigate careers in the Manufacturing Career Cluster.

**Objectives:**

- Understand that a career cluster is a grouping of occupations based on commonalities
- Recognize that the **Manufacturing** Career Cluster includes careers in planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.
- Investigate careers in the **Manufacturing** Career Cluster

**Materials:**

- 3<sup>rd</sup> Grade Career Development Activity #13 handout – **Manufacturing Careers: What Manufacturing Occupations Look Like**
- Writing materials

**Activity:**

1. “Today we’re going to learn about some of the occupations in the **Manufacturing Career Cluster**. **A career cluster is a grouping of occupations based on things they have in common**, and today we’re looking at careers in the Manufacturing Career Cluster.”
2. “The **Manufacturing Career Cluster** includes careers in planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.” *Write this on the board.*
3. “The **Manufacturing Career Cluster** includes a wide number of different jobs. For example, there are some jobs that deal only with fixing or repairing things. What things can you think of that may require you to ask someone to help you repair it?” *Write responses on the board. Some possible responses: computers, TVs, shoes. Possible teacher suggestions: HVAC systems, home appliances, locks, medical equipment.*
4. “There are also some jobs in this cluster that deal with building, creating, or producing, things. We use these things every day. What things do we use every day that you think are produced by people in their jobs?” *Write responses on the board. Some possible responses: cars, computers, TVs, video games, appliances, toys.*
5. “Let’s see what working in some these jobs looks like. Then, we can get a better idea of what skills and abilities people might need to be successful in these jobs.” *Distribute the **Manufacturing Careers: What Manufacturing Occupations Look Like** handout. Explain the directions, and ensure that students understand. Walk around and offer assistance if needed. Allow time for students to complete the handout.*
6. *When students are finished with handout, discuss their responses. At the end of the session, collect the handouts.*

**Evaluation:**

Students will be evaluated on their handouts.

Handout #1

Manufacturing Careers: What Manufacturing Occupations Look Like  
3<sup>rd</sup> Grade Career Development: Activity #13

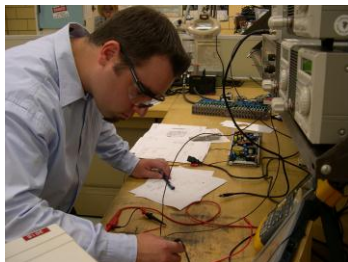
Directions: Look at the pictures carefully. Underneath each picture is the name of the occupation. Describe the occupation based on the picture. Then, in your words, describe the skills you think people in that occupation need to do their jobs.



Computer Repairperson



Welder



Machine Inspector

Description: \_\_\_\_\_

Skills needed:

Description: \_\_\_\_\_

Skills needed:

Description: \_\_\_\_\_

Skills needed: