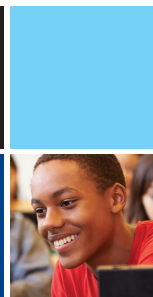
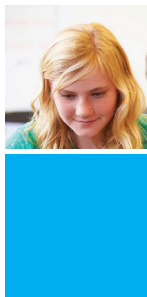




Careers in Manufacturing Instructional Guide



Real People. Real Jobs. Real Opportunity.



INDIANA WORKS COUNCILS
Region 1



Purpose of READY NWI Video Series and Instructional Guide

The READY NWI video series offers an opportunity for viewers to look inside a company to discover and learn about their mission, daily operations, and what their scope of service entails. The videos posted on the READY NWI webpage offer advice and guidance on how to begin pursuing each career, while providing information on the "ins and outs" of the company. Employers discuss such topics as character traits required for employment, expectations for intern performance, the importance of a college education, and how to determine what career may be a good fit when looking through the lens of a potential employee.

Goal Attainment for READY NWI Video Series

Learners are to watch the videos, participating in discussion while retaining pertinent information about the company being viewed.

Outline for Students, Parents, Instructors, and Classrooms

*Topics and Discussion Points
(target 6 – 8th grade students)*

1 GROUP ACTIVITY

- A. Discussion regarding types of hoses
- B. Discussion regarding design of hoses

2 QUESTIONS FOR VIDEO COMPREHENSION

- A. This section ensures concepts from the video are understood.
- B. Requires pen and paper

3 TEACHING SESSION RECAP

- A. This is the student's specific takeaway
- B. Requires pen and paper

NOTES FOR THE INSTRUCTOR OR FACILITATOR

Here are several spring-boards for discussion to be used in conjunction with the READY NWI Videos:

Be professional
Honor the employees who hired you
Try to volunteer at a company



About the Company:

Located in Valparaiso Indiana, Task Force Tips designs, engineers, manufactures and sells firefighting equipment for international and US markets. They are the 'worldwide leader in providing first responders with high quality, innovative agent delivery solutions' thereby many additional products have evolved to make firefighting more effective and safer for firefighters around the world.

1 GROUP ACTIVITY

The following section is for discussion with the students after watching the video.

Think of different types of nozzles manufactured at Task Force Tips.

What are some of the different ways the nozzles are used?

How important are computer programs in designing the nozzles?

2 QUESTIONS FOR VIDEO COMPREHENSION

The following section requires a writing utensil and a paper, or a computer. The student, after viewing the video, should be able to answer these questions, ensuring they understood the video. The activity is best completed by each student individually, but can also be done as a pair discussion.

1. One employee was a volunteer fireman. What is the value of volunteering at a place of business where you might want work?
2. Some concepts in the video highlight terms such as water flow, fixed openings, and hose water pressure measurements. Do you understand these concepts? Where could you go to find out additional information?
3. What personality traits do you have that coincide with the values Task Force Tips have stated are important to the company? A good mentality, a strong thinker, and having a workman's attitude, what do these mean?
4. What do you think of the people in the clip? One employee feels that he is personable and trustworthy. Are there classes you can take in middle school to gain these values?
5. Would it be beneficial to have a high school diploma, technical certificate, associate degree, bachelors or masters degree to work here?
6. Does every employee need to have interpersonal skills? Why or why not?

Bonus Question:

Which employees (types of jobs or job titles) are represented in each question?

3 TEACHING SESSION RECAP

After the group discussion and video comprehension sessions have been completed, each student should have a pen and paper in order to engage in the next process. The goal of the Recap is to integrate ideas spawned during discussion with comprehension questions administered.

1. What was your favorite segment of the video?
2. What did you learn about this genre of work?
3. Was there a new idea or concept that you now understand?
4. Could you work in this field?
5. If you could ask an employee at Task Force Tips one question, what would it be?

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