

Essential Question

What is it like to work as a manufacturing operations manager?

Vocabulary

- **Assembly Line** - A sequential production arrangement where a product is built step-by-step as it moves from one specialized workstation to another.
- **Defect** - A part or product that fails to meet quality specifications or design criteria
- **Delegation** - The act of assigning specific responsibilities and decision-making power to team members based on their unique skills
- **Manufacturing Operations Manager** - The leader responsible for overseeing the daily production activities of a factory or manufacturing plant.

Before Viewing

Have students jot down answers to the following questions:

- What does it mean to be a manufacturing operations manager?
- What are the job duties of a manufacturing operations manager?
- What is the typical work environment of a manufacturing operations manager?
- What tools are used by a manufacturing operations manager to do his/her daily tasks?
- What is the education required to be a manufacturing operations manager?
- What are the skills necessary for being a manufacturing operations manager?

While Viewing

Have students think about the “Before Viewing” questions and write down the correct answers

After Viewing Activities

Have students discuss in pairs or small groups their answers to the “Before Viewing Questions” as well as the Discussion Questions for this resource.

The Careers That Work collection contains various activities for each featured career.

Grades 4-7

Career Information Worksheet

Paper Airplane Factory Activity

Use these activities to stimulate discussion around the manufacturing operations manager career.

Grades 8-12

Career Presentation

Divide your class into groups and ask them to present on the various topics around the manufacturing operations manager career.