



Name:

Date:

Engineering Careers: Independent Learning Guide

The role models in the video "Engineering Careers" share reasons girls should consider a career in engineering.

Watch the video "[Engineering Careers](#)" at least once. Then read each statement below. Think carefully about each question before you answer it.

1. The first engineering role model said that while many people think a career in engineering is "boring," it actually gives you the technology and skills to do anything.

How can you know for sure if a career in engineering is actually boring or exciting?

2. The engineer from General Motors automobile company said that by watching the "crash dummies" she realized her job was important.

How might an engineer from a car company work to keep people safe?



- 3. In the video, one role model said that engineering “helps turn scientific principles, ideas, and dreams into reality.”**

In your own words, what do you think she meant by this statement?

- 4. Software engineers work to develop computer programs.**

If you become a software engineer, what kind of computer software would you like to develop and why?

- 5. The NASA jet propulsion engineer made her job sound like a puzzle involving many pieces that must work together.**

Tell about a project you worked on that had many different pieces that had to work together.



6. Sometimes a career in engineering can be combined with an interest in other areas.

What interests do you have that might be successfully combined with a career in engineering?

7. Careers in engineering can help protect people and the environment.

Would you enjoy a career that keeps people safe or that helps protect the earth? Why or why not?
