

Middle School Career Investigations

STEM Roller Coaster Introduction

Introduction



CALEB (YELLING): There is no way this is safe!

SUE (YELLING): I know it is! I'm the engineer that designed it! I had to deliver both maximum thrills and maximum safety.

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SUE: Hi, I'm Sue. What is your name?

CALEB: My name is Caleb.

SUE: I heard you wondering about the ride's safety. I wanted to let you know a little bit about my job creating the STEM Coaster. If you are interested, let your mom know. We can take a look at the computer in my office.

CALEB: I'm definitely interested!

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Office



SUE: Caleb, do you play video games?

CALEB: Yes, I do!

SUE: Take a moment and think about the video game system that you played in the second grade. How does it compare to the gaming system you have now? What kind of gaming system do you imagine you'll have in the 12th grade?

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SUE: Technology is changing fast. And these changes in science and technology affect more than just gaming systems. STEM stands for Science, Technology, Engineering, and Mathematics. Every day, professionals in the STEM Career Cluster try to understand how the world works and to solve problems on Earth and in space.