

Viewing Guide: Careers in Tech videos

Careers in computer science and technology can be fun and rewarding. But what does a person working in these fields really do? With a vast variety of jobs and companies, there's not just one answer to this question. Use these videos to introduce the idea of a “CS Journey” and get students thinking about their own journeys.

Before you get started

- **Watch the videos yourself before showing them in class.** This will only take about 15 minutes. If you plan on using other videos or resources as well, this may take longer.
- **Think about timing.** Think about when it makes sense to show the videos to your class. Will you show them all in one period? Will you space them out over multiple periods? Is there a particular unit or day when students would benefit the most from seeing how what they're learning in your class is used in the real world?
- **Think about how you want to show the videos.** Will you watch them as a class, divide students into small groups, or have them watch individually? How many videos will you watch?

Getting started

- **Before watching, get students thinking about how CS is used in the real world.** Ask them: what sorts of things do they think one can do with CS? What kinds of jobs require computer science? Record their answers somewhere they can see.
- **Explain the activity to students.** Let them know what they'll be doing and why they're doing it, and explain how the activity will be structured.
- **Pass out the worksheets or display the questions somewhere students can see.**

Activity

- **Support students as they're watching the videos, alone or in groups.** Encourage them to pause or playback video, if needed. If they're struggling to answer a question, help guide them to an answer, or encourage them to recruit a fellow student's help.

Reflect and discuss

- **After watching, reflect and discuss.** Go through the questions, encouraging students to share their answers. To get the conversation started, you can ask viewing comprehension questions, like:

- What is the featured person's job, and what do they do? What problem are they solving?
- What do they like about their job?
- What are some of the skills and knowledge they use to do their jobs?
- How did they get started on their CS journey? What advice did they give?

Other ideas

- **Use one of the other resources on the Careers with CS page.** We've curated more video profiles and other resources, like interactive career exploration tools students can use to explore different jobs and career paths that feature computer science.

Reflection worksheet

What surprised you about their job?

What did you find interesting or exciting?

What are two things you learned from watching the video?

What questions do you have after watching the video?
