

Discussing computer science and my future



Length:
15-20 minutes

About this lesson

To help students understand the importance that computer science can play in their future, students will watch a video about the relevance of the subject and will engage in a class discussion that will allow them to understand how computer science connects to their lives regardless of what their future holds.

Objectives

By the end of this lesson, students will:

- Be able to list real-life connections in computer science
- Understand how the subject can be relevant in different contexts

Inquiry prompts

- Why is studying computer science relevant to my future?

Before you begin

1. Ensure that you are able to play the [Computer science and your future success](#) video. This video is also available in [French](#).

Teaching strategies

- 1 Have students consider the following question: How is studying computer science relevant to my future? Allow students five minutes to write, and have them keep their responses.
- 2 As a class, brainstorm some ways that computer science is connected to everyday life. Take notes to remind students of their responses.
- 3 Show students the [Computer science and your future success](#) video. This video is also available in [French](#). Have them consider the following discussion questions as they watch:
 - What are some careers that are connected to computer science?
 - Did any of the careers surprise you? Why or why not?
 - Even if a person isn't interested in pursuing computer science as part of their career, why is it important to learn the subject?
- 4 When the video is over, spend five minutes discussing it as a class, using the discussion questions above as a guide.
- 5 Have students return to their responses to the question at the beginning of class. Give students a few minutes to update their answers. Then discuss with students – did they have anything to add to their answers? Why or why not? Be sure to update class notes as well.
- 6 Follow up for educators:
 - Continue the conversation by having students take the **Matchmaker** interest assessments in Xello that match students with careers that best suit their interests, preferences, and personality styles.

Xello entry point

None—students can dive right in!

Materials required

- [Computer science and your future success](#) video. This video is also available in [French](#).
- Whiteboard and whiteboard markers (optional)

Artifacts

- Student discussion responses

Computer science and your future success

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- Guide students in career exploration in **Explore Options** in Xello. Students can further explore careers related to computer science (or any other subject) by filtering careers by school subject.

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