

Discussing maths and my future



Length:
15-20 minutes

About this lesson

To help students understand the importance that maths 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 maths connects to their lives regardless of what their future holds.

Objective

By the end of this lesson, students will

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

Inquiry prompts

- Why is studying maths relevant to my future?

Before you begin

1. Ensure that you are able to play the [Maths and your future success](#) video.

Teaching strategies

- 1 Have students consider the following question: How is studying maths relevant to my future? Allow students five minutes to write, and have them keep their responses.
- 2 As a class, brainstorm some ways that maths is connected to everyday life. Take notes to remind students of their responses.
- 3 Show students the [Maths and your future success](#) video. Have them consider the following discussion questions as they watch:
 - What are some careers that are connected to maths?
 - Did any of the careers surprise you? Why or why not?
 - Even if a person isn't interested in pursuing maths 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

- [Maths and your future success](#) video.
- Whiteboard and whiteboard markers (optional)

Outcomes

- Student discussion responses

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