

CAREERS IN EMERGING TECHNOLOGIES:

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AI

SUMMARY

SHORT DESCRIPTION

For most, career exploration involves researching jobs that are available now. How do you prepare for a career that does not exist yet? How do emerging technologies play a role in the jobs of the future? In this activity, you will explore how artificial intelligence (AI) is changing the future of work.

GOALS

You will be able to explain how AI is changing the workforce in several careers.

LANGUAGE GOALS

You can talk about the impact of AI on a variety of careers.

DURATION

1-2 weeks

LANGUAGE

English

MATERIALS

Worksheet for all Students: *Careers in emerging technologies: AI*

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TEACHER PREPARATION

Teachers from each partner class should decide which conferencing tool to use for virtual meetings and plan the session, including procedures, duration, group divisions, and rules for breakout rooms. They should also assign research topics to students or agree on guidelines for letting students choose their own.

CLASS INTRODUCTION

The teachers send their students information about the procedure, duration and content of the project. The teachers explain the task to their students and give them the access data for the conference tool.

Material

- Worksheet for all Students: *Careers in Emerging Technologies: AI*
- Students will watch a video about AI applications in education in some schools. As they watch, students should take notes and identify examples that they like and don't like about how education is impacted from AI.

Note

A great resource for videos about AI in various careers, as well as teaching the ethical implications of AI, is MIT RAISE. (You will need to create an account to access the videos.)

EXCHANGE

Students can choose careers to research based on their interests, but teachers may want to ensure a wide variety of careers are covered. Each student will research how AI impacts their chosen career and create a presentation for the virtual meeting. They can choose the format—such as a short video, comic, book, PowerPoint, Prezi, or a DIN A3 poster (which can be digitized, for example by taking a photo). Presentations should be no longer than three minutes.

Students will then be divided into small breakout groups in the conferencing tool. Each student will take turns presenting their career research and asking questions of their peers. Afterward, the class will reconvene to share interesting points, such as the potential benefits and drawbacks of AI. Finally, students will be reshuffled into new breakout groups to present their research again.

REFLECTION

Students reflect on how AI is shaping the future of work and identify both the positive and negative effects of these changes.

