

Teacher Guide: Artificial Intelligence (AI) in the Classroom

Nurturing Awareness and Career Exploration

This resource is designed to provide comprehensive guidance to teachers on educating students about artificial intelligence (AI). It offers engaging lesson plans and activities aimed at (1) introducing students to AI fundamentals, its real-world applications, and related ethical considerations; (2) having students learn about specific AI tools that may be relevant to them; and (3) inspiring students about AI-related careers. Educators can access three curated activities below that include lesson plans and slideshows. These activities can be completed sequentially, or teachers can choose a single activity based on what they think is best for their students.

Student activity #1 - Navigating AI: Principles, Applications, and Ethics

Objective

Introduce students to the basics of artificial intelligence (AI) in a way that is easy to understand, show them how AI is already a part of their everyday lives, and start a conversation about the right and wrong ways to use AI.

Resources

Teachers can leverage the resources below to design and implement the activity.

- [Lesson plan](#)
- [Slides](#)

Student activity #2 - Practicing AI for learning

Objective

Provide students with hands-on experience using practical AI tools that are relevant to learning. Through this experience, students will grasp how AI can foster learning and creativity. The objective is to demystify AI, enabling students to view it as an accessible and practical tool for enhancing their learning.

Resources

Teachers can leverage the resources below to design and implement the activity.

- [Lesson plan](#)
- [Slides](#)

Student activity #3 - Unlocking Future Pathways: Exploring AI Careers

Introduce students to various career opportunities in the field of artificial intelligence (AI) and inspire them to consider pursuing careers in this dynamic and rapidly evolving domain.

Resources

Teachers can leverage the resources below to design and implement the lesson or activity.

- [Lesson plan](#)
- [Slides](#)
- Career conversation videos teachers can leverage. These videos provide students with information about the types of jobs available that utilize AI, the mindsets and basic skills required, and the job market outlook. Since the world of AI is constantly changing and new positions are being added every day, these videos highlight how the field is growing and how students may be able to pursue careers that build and use AI.
 - [Eva-Marie Muller-Stuler, Data & AI Practice Lead for EY MENA](#)
 - [Jacqueline Arrieta Pacheco Gen AI Strategy Execution and PMO for EY Latam](#)
 - [Lulia Popescu, Senior Consultant Cybersecurity, EY Technology Consulting](#)
 - [Kirk Hachigian, Product Manager, EY Generative AI Task Force](#)

In these videos, professionals answer the following questions:

- What initially sparked your interest in artificial intelligence and related fields?
- What excites you most about working in the field of artificial intelligence?
- How do you see AI impacting the world in the future, and why do you believe it's important for students to get involved in this field?
- Can you share a bit about your educational and professional background in AI?
- What advice would you offer to students interested in pursuing careers in AI?