Teach For All | A Global Network

Future of Work Initiative

Artificial Intelligence (AI) in the Classroom: Artificial Intelligence in our Daily Lives

Student activity #1 Lesson Plan - Intro to Artificial Intelligence: Navigating AI Principles, Ethics, and Applications

Learning objectives

- ☑ Students will be able to identify examples of artificial intelligence in their daily lives.
- ☑ Students will be able to differentiate between what is AI and what is not.
- ☑ Students will be able to describe the ethical considerations present when discussing artificial intelligence

Structure of the lesson

- ☑ Intro - 10 mins
- ☑ What is AI? - 5 min
- ☑ AI example videos - 15 min
- ☑ Group conversation on AI in education - 7 min
- ☑ Ethical considerations: 10 min
- ☑ Small group ethics conversation - 10 min
- ☑ Reflection and closing -3 min

Duration: 60 minutes

Note to Educators: Note to Educators: This resource is provided as an example and is intended to serve as a foundational template. Educators are encouraged to adapt and modify the content to better suit their specific educational contexts, needs, and the unique requirements of their students. Customization will ensure the most effective and relevant learning experience.

Resources

- [Lesson slides](#)
- AI Literacy Resources:
  - [Teach AI](#) - Teacher resources to expand AI knowledge
  - [AI EDU](#) - AI Literacy resources

Timing	Facilitator's actions	Technical notes
0-2 mins	**Share screen: Slide 3** - Introduction - Introduce students to the lesson by framing the content with an intro focused on how technology is changing through artificial intelligence. "Today we're going to be diving into a topic that whether we realize it or not, is changing how technology is used in the world and how technology is impacting our own lives" - Framing:	

	○ Technology is changing ○ We might not be aware of how developments in technology are already impacting us ○ As informed learners - we need to have a basic understanding of artificial intelligence	
2-10 mins	**Slides 4: Ice Breaker Activity** ● Tee up activity by challenging students to determine which song is AI and which is Justin Bieber ○ Play songs ● Prompt: We just heard one example of how AI might already be in our lives, how else are you interacting with AI on a daily basis today? ● Slide 6: Share slide and provide examples of AI in our lives	(do not share screen when playing the two song examples as they say which one is AI) -Speakers required for students to hear songs
10-15 mins	**Slide 7- 9: What is AI?** ● Teacher led voiceover of slides 7-9 ● Pause for student questions These slides are meant to quickly ground students in a working definition of what AI is and is not. This is not meant to give a holistic working model of AI, but to provide a shared understanding to enable classroom discussion moving forward in this session	

15-30 mins	**Slides 10-14: video examples of AI in our lives**
	● Purpose: Show students various examples of developments in AI and how they are already present in their lives
	  ○ Share videos from each slide 10-14
	    ■ Slide 10 Video
	    ■ Slide 11 Video
	    ■ Slide 12 Video (3:20 - 6 min only)
	    ■ Slide 13 Video
	    ■ Slide 14 Video
	  ○ Provide time for reactions and questions after all videos have been shared
	● Prompt: What surprised you from the videos we just watched? What does it make you think?
		Depending on time - please select which videos you would like to share with students

30-37 min	**Slides 15-16:**
	● **Prompt:**
	  ○ Based on what you know, how is AI used in education?
	  ○ How can AI change the way we learn?
		Group conversation or small group with provided prompts

37-47 min	**Slides 17-18: Ethics and considerations in AI** ● **Framing:** AI has the power to improve our lives but it is not without problems. It is important for each of us to understand the limitations and problems with AI ● Slide voiceover ● Slide 18 ● Whole group prompt: ○ Why is this a problem, how else might bias in AI create problems?	

47-57 min	**Slide 19: Small Group Discussion:**
	● What should we do?
	  ○ 2 minutes explaining options
	  ○ 5 min small group conversation
	  ○ 3 min whole group share out
		Small groups of 3-5 students

| 57-60 min | **Slide 20 - Closing**
● **Whole group share out**
● **Prompts:**
  ○ What are you thinking now about AI?
  ○ How will you use AI in your daily life? | |