

HOW TO USE AI IN AN ETHICAL WAY?

LESSON GOALS

Problem

- Define Artificial Intelligence (AI) and identify its applications in daily life.
- Understand the importance of ethical implications when using AI.
- Reflect on the importance of AI ethics and the role of individuals in addressing ethical concerns.
- Create a set of ethical uses of AI for the class.

Language Competence


- Expand vocabulary related to AI implications.
- Enhance speaking skills through group discussions.
- Improve presentation skills.

1 ENGAGE

A Have you heard of Artificial Intelligence (AI) before? What do you know about its uses?

B Watch the video explaining what AI is and answer the pop-up questions.

C Look at the pictures on the screen. Do you know what they are?

D  In one minute, discuss with your classmates the potential benefits and challenges of using AI tools in daily life, based on the pictures provided.

2 EXPLORE

A Read the passage and underline the ethical concerns that are mentioned.

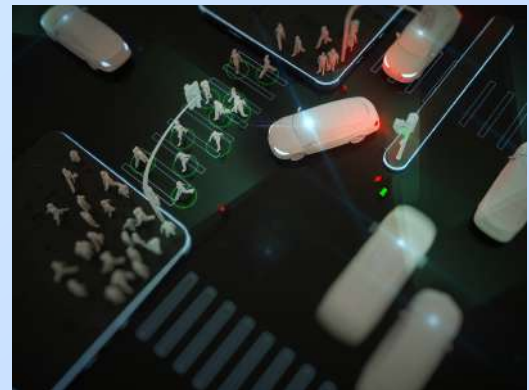
Artificial intelligence, or AI, has the potential to bring many positive changes to our lives. Whether we realize it or not, we **interact** with AI on a regular basis. For example, AI may recommend movies for us to watch, suggest products for us to buy, or even power the **virtual assistants** we use to set reminders and answer questions. However, it also poses several **ethical concerns**.



One significant concern is the potential for **bias** and **discrimination** in AI. This can occur when the data used to train an AI system is biased, leading to biased outcomes. Type “greatest leaders of all time” in your favorite search engine and you will probably see a list of the world’s **prominent** male personalities. How many women do you count? According to UNESCO, AI systems deliver biased results. **Search engines** may not show **neutral**

results because they use a lot of data and show the results that people click on the most. How can we make sure that the results shown by search engines are fair and correct? Is it possible to tell search engines when their results are unfair or biased?

AI can sometimes make wrong decisions for people because they don’t have all the information they need or the instructions they follow are not good enough. For example, self-driving cars need to be trained to understand the information they collect, so they can make the right decisions in different traffic situations. Imagine a self-driving car with broken brakes that is heading towards a grandmother and a child. If the car makes a small turn, it could avoid hitting one of them. But the car’s computer, not a human driver, would make this decision. Who should the car try to save, the grandmother or the child? Is there only one answer that is right?



Cheating can be facilitated by AI in areas such as schools, games, and sports. For instance, in 2016, some students in Thailand used tiny cameras in their glasses to send exam questions to someone who then sent back the answers to their smartwatches. How can we stop people from cheating with AI? How can we make sure people use AI in a responsible and fair way?



As AI becomes more integrated into our lives, there is a risk that we become too dependent on it, leading to a loss of **critical thinking** skills and making decisions without help from AI. For instance, **social media platforms** use AI to display content to users based on their interests. But if users rely too much on this, they might only see things that the computer program thinks they'll like, which could limit their exposure to

different opinions and ideas. This could make it harder for them to think for themselves and make informed decisions.

In conclusion, while AI has the potential to bring benefits, it also **poses** ethical concerns such as bias, incorrect decisions, cheating, and dependency. As young people and future leaders, it's important to think critically about these issues and ask ourselves how we can ensure that AI is used in a responsible and ethical manner.

B Find these words in the passage and match them to their definitions.

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|------------------------|-----------------------|--------------------------|-------------|--------------------------------|
| bias | interact | prominent | pose | search engine |
| neutral | discrimination | critical thinking | | social media platforms |
| ethical concern | | virtual assistant | | artificial intelligence |

- 1
Computer systems that can perform tasks that typically require human intelligence, such as learning, problem solving, and decision-making.
- 2
To communicate or engage with someone or something.
- 3
A computer program or application that can perform tasks or services for an individual, such as setting reminders, answering questions, or making recommendations.
- 4
To present or create a problem, challenge, or concern.
- 5
A problem or challenge that involves what is right and wrong.
- 6
When someone likes or dislikes something too much and it affects their judgment.

- 7
A website that finds information for you when you type in words.
- 8
Treating some people unfairly because of their personal characteristics, such as race, gender, or age.
- 9
When someone or something is very well-known.
- 10
Not taking a side or expressing a preference for a particular idea or position.
- 11
The ability to analyze and evaluate information, arguments, and evidence in a logical and systematic manner.
- 12
Websites or applications that allow users to create and share content and connect with others through online communities.



C In groups, make the sentences for the assigned words. Use the space below for recording corrected sentences.

Assigned words	Sentences
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D Read the passage again. Write the ethical concerns illustrated by the following evidence and examples.

Ethical concerns	Evidence and Examples
1	An AI camera mistook the ball for a bald man's head on the sidelines, causing viewers to miss important parts of the game as the camera only focused on the man.
2	The professor used a computer program to write an essay on a topic. When the program finished, it gave an essay that was very similar to one of the student's essays.
3	People use chatbots to ask for health advice instead of going to see a doctor or health experts.
4	A computer program that recognizes people's faces might be better at identifying white people than black people because it has been trained more often on images of white people.

3 EXPLAIN

- A** Compare the answers with your classmates'. Do you have similar choices?
- B** How did you decide whether the ethical concerns and evidence were related to one another? Explain your ideas.
- C** What do you think about AI? Are they good or bad? Do you think AI should be promoted or banned? Explain your ideas. Use the space below to draw a mindmap.

4 ELABORATE

A Group work: Find solutions for your group's assigned ethical concerns. Complete the template provided then share with your class.

B Gallery Walk Activity

1. Display and present your group's work to your classmates.
2. Visit other groups' displays. Listen to and vote for the best solutions.

C Collaborate with the class to collect the best possible solutions and create a poster of a set of rules for ethical use of AI.

5 EVALUATE

A What have you learned today? Check the list.



- Gain an understanding of AI and its impact.
- Understand the importance of ethical implications when using AI.
- Use new vocabulary related to AI implications.
- Practice speaking and presentation skills effectively.
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B Write a 50-word self-reflective passage on how you can apply the rules to your daily life.

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