

LESSON 7

AI HORIZONS: ACROSS DISCIPLINES



AI is shaping
the future in
every field.
Innovate today,
inspire tomorrow.



Section 1. Getting Started: Vocabulary and Pronunciation

Vocabulary



Application Development



Chatbot Integration



Digital Entertainment



Gamification



Healthcare Technology



Educational Technology
(EdTech)



Artistic Innovation



Communication Platforms

Verbs and phrasal verbs:



Bring In



Code



Develop



Enhance



Implement



Innovate



Integrate



Phase Out



Roll Out



Set Up



Sort Out



Streamline



Take On



Tune In



Work On

Idioms



Code monkey



Digital frontier



Byte the bullet



Break the code



Silicon Valley speak



Plug and play



Upgrade your game



Push the envelope

LESSON 7

ARTIFICIAL INTELLIGENCE

IN MEDICINE, EDUCATION, ART, COMMUNICATION AND BEYOND



B2 Speaking Warm-Up

Teen Edition



OBJECTIVE: Talk about beliefs and opinions related to artificial intelligence and its impact on different areas of our lives, and interact with your partner.



WARM-UP QUESTIONS

1. What comes to your mind when you hear the words "artificial intelligence"?
2. How do you think AI is already a part of your daily life?
3. Which area (medicine, education, art, or communication) do you think has benefited the most from AI? Why?
4. What worries you the most about the development of AI?
5. Do you think AI will improve life for most people, or only for a few?



THIS OR THAT? DISCUSS.

Better doctors	or	Faster diagnoses with AI
Teachers in the classroom	or	AI tutors
Human creativity	or	AI-generated art
Face-to-face conversations	or	AI translators
More jobs created	or	More jobs replaced
AI makes life easier	or	AI makes life more complicated
Trust AI decisions	or	Double-check everything AI suggests
Humans in control	or	AI in control of important decisions



LET'S TALK!

Answer these questions with your partner. Explain your ideas and ask follow-up questions.

1. How is AI being used in medicine today? Can you think of any examples?
2. In what ways can AI improve education for students and teachers?
3. Can AI be creative? How is AI used in art and entertainment?
4. How does AI help us communicate with people around the world?
5. What are the possible risks of depending too much on AI in the future?
6. How do you think AI will change your future career or the world of work?
7. Are there any limits to what AI should be allowed to do? Why or why not?
8. How can we make sure AI is used in a fair and responsible way?
9. Do you think people will trust AI more than other humans in the future? Why?
10. If you could create an AI tool to solve a problem in the world, what would it do?



SPEAKING WARM-UP

LESSON 7

A SPEECH ABOUT AI AT WORK AND IN SOCIETY

Inform • Persuade • Inspire

Explore how AI is changing different fields and share your ideas about its impact on our world.



YOUR SPEECH

Choose **ONE** topic from the list below and prepare a short speech (about 2–3 minutes) about how AI is making a difference in that field.



Medicine



Education



Art



Agriculture



Business



Environment



Transportation



Entertainment



GUIDELINES



- 1 Choose **ONE** topic from the list.
- 2 Research the topic and gather relevant information (facts, examples, and your own opinion).
- 3 Organize your ideas and create a clear structure: introduction, main points and conclusion.
- 4 Prepare a short speech (about 2–3 minutes).
- 5 Use vocabulary and expressions related to the topic.
- 6 Be confident, speak clearly and maintain eye contact (with your classmates).
- 7 You can use notes, but try not to read your speech.



TIPS FOR A GREAT SPEECH

- ✓ Start with a strong introduction (hook).
- ✓ Present your main points in a logical order.
- ✓ Use examples or real-life situations to support your ideas.
- ✓ Include your opinion and explain why it matters.
- ✓ Finish with a clear conclusion (what do you want your audience to remember?).

*Speak with confidence.
Your ideas matter!*



EXTRA IDEAS

- Which field do you think will benefit the most from AI?
- What are the biggest challenges of using AI in these areas?
- How can we make sure AI is used in a safe and ethical way?
- What is the future of work with AI?
- How can AI help solve global problems?
- Do you think AI will replace human workers? Why or why not?

LESSON 7



AI
vs.
HUMAN



AI VS. HUMAN INTELLIGENCE

Exercise 2: Class Debate



The class is divided into two groups. One group argues that AI can surpass human intelligence, while the other group argues against it. Each group prepares arguments and participates in a class debate. Use the space below to write your arguments.

***Adapt it to the modern version:** consider specific examples, potential impacts, and ethical dilemmas.



DEBATE TOPIC:

AI can surpass human intelligence.



ARGUMENTS FOR



ARGUMENTS AGAINST



Reflection Prompts:

- *How did the other side challenge your best argument?**
- *What evidence did you find most convincing?**
- *Could a hybrid intelligence (AI + Human) be the future?**



LESSON 7

AI IN OUR WORLD

EDUCATION • WORK • MEDICINE • COMMUNICATION

SPEAKING ACTIVITY

Share ideas. Listen to others. Think bigger.



Work with a partner or in small groups. Take turns answering the questions below. Give reasons, examples, and ask follow-up questions.



- 1 How is AI changing the way we learn in classrooms and online courses?



- 9 Are there any risks or ethical concerns related to using AI in medicine?



- 2 What are the biggest advantages of using AI tools for students?



- 10 How is AI changing the way we communicate with others?



- 3 What are the possible disadvantages or risks of using AI in education?



- 11 Do you think AI tools like translation apps bring people closer together? Why or why not?



- 4 How do you think AI is changing the workplace and the types of jobs available?



- 12 What impact does AI have on social media and the information we see?



- 5 What skills will be more important in the future because of AI?



- 13 In what ways could AI improve our lives in the future?



- 6 Do you think AI will replace more jobs than it creates? Why or why not?



- 14 What rules or guidelines should we have to make sure AI is used responsibly?



- 7 How is AI being used in medicine today?



- 15 What kind of world do you want AI to help us create in the future?



- 8 What are the benefits of AI for doctors, patients, and healthcare systems?



There are no right or wrong answers! Be honest, be respectful, and learn from each other.

LIVEWORKSHEETS

LESSON 7



AI CHRONICLES

ARTIFICIAL INTELLIGENCE:
HELPING OR HINDERING?



SECTION 3: LISTENING



EXERCISE 1: AI. CHRONICLES

Listen to the following documentary. Then, answer the questions.

1

According to Alex, what goes beyond streamlining tasks in AI

- a) Crafting apps
- b) Pushing horizons
- c) Revolutionary role
- d) Creating user experiences



2

What does Emma emphasize about AI's role in digital entertainment?

- a) Evolving landscapes
- b) Personalized treatments
- c) Limitations in engagement
- d) Revolutionary transformation



3

What term does Dr. Rodriguez use to describe AI's influence in specialized fields?

- a) Envolving
- b) Enhanced
- c) Unparalleled
- D) Transformative



DISCUSS THE FOLLOWING QUESTIONS



1

Reflecting on Alex's excitement in crafting AI apps, discuss potential challenges developers might face in pushing AI development to new horizons.

2

Considering Emma's exploration of AI in entertainment, share thoughts on how personalized content and immersive gaming experiences might impact our daily lives and preferences.



3

Discuss Dr. Rodriguez's mention of AI in medicine, education, art, and communication. How can AI-driven classrooms contribute to transformative eras in education?



LESSON 7

AI Odyssey

Listening • Understanding • Discussing

How can we make sure AI serves humanity in the best possible way?



PRE-LISTENING

Discuss with a partner or small group.

1. Quick Poll

What is your biggest hope or worry about artificial intelligence (AI)?

Choose one option.

- ☐ It will improve our lives in many ways
- ☐ It could take away jobs
- ☐ It might invade our privacy
- ☐ It could be used unethically
- ☐ I'm not sure yet



2. Think-Pair-Share

Look at the questions and share your ideas.

- In what areas do you already see AI making a difference?
- Can you think of any benefits and risks of using AI?
- How can we make sure AI is used in a fair and responsible way?



3. Predict the Listening

Read the questions. What do you think each speaker will say? Why?

Example: I think Alex will be concerned about privacy because he often talks about data safety.



EXTENSION IDEA

Before listening, write one question you would like to ask the speakers about AI. Share it with your partner and see if it gets answered in the discussion.



DISCUSS THE FOLLOWING QUESTIONS

- 1 Reflecting on Alex's concerns, discuss instances where technology has raised ethical concerns in your own experiences or observations.
- 2 Considering Sophia's perspective on AI's positive impact, share examples of how AI has positively influenced or transformed specific industries or fields.
- 3 Discuss Professor Miller's emphasis on ethical evaluation. In your opinion, how can society ensure a balance between innovation and ethical considerations in the integration of AI?



LISTENING

Listen to the following discussion. Then, answer the questions.

1

What is the primary concern mentioned by Alex regarding AI integration?

- a) Privacy issues
- b) Positive impacts
- c) Personalized healthcare
- d) Efficient resource management



2

How does Sophia view AI's impact across diverse fields?

- a) Avoiding innovation
- b) Emphasizing potential biases
- c) Assessing ethical implications
- d) Offering solutions to complex problems



3

According to Professor Miller, what is crucial for the harmonious integration of AI?

- a) Ignoring ethical concerns
- b) Widespread AI integration
- c) Avoiding assessment of ethical implications
- d) Striking a balance between innovation and ethical considerations



REAL-WORLD CONNECTION

What is one action you can take this week to use technology more responsibly?

“The future of AI depends on the choices we make today as individuals and as a society.”

LIVEWORKSHEETS

LESSON 7

AI Dilemmas

Listening • Understanding • Discussing

How do we navigate the challenges of AI while building a better future for all?



PRE-LISTENING

Discuss with a partner or small group.

1. Quick Poll

Which statement do you agree with most about AI and the future?

Choose one option.

- ☐ AI will take away more jobs than it creates.
- ☐ AI will improve our lives in many ways.
- ☐ We need strict rules to control AI.
- ☐ AI is developing too fast for us to keep up.
- ☐ I'm not sure yet.



2. Think–Pair–Share

Look at the questions and share your ideas.

- What worries you most about AI?
- What excites you most about AI?
- How can society prepare for the changes AI will bring?



3. Predict the Listening

Read the questions. What do you think each speaker will say? Why?

Example: I think Olivia will talk about jobs because AI can automate many tasks people do today.



EXTENSION IDEA

Before listening, write one question you would like to ask the speakers about the challenges and opportunities of AI. Share it with a partner.



LISTENING

Listen to the following discussion. Then, answer the questions.

1 What does Olivia highlight as a challenge related to AI advancement?

- a) Job displacement
- b) Industry streamlining
- c) Technological complexity
- d) Autonomous decision-making



2 According to Ethan, what drives progress and ensures a brighter future?

- a) AI innovation
- b) Ethical frameworks
- c) Collective well-being
- d) Psychological impact



3 What aspect does Dr. Carter emphasize beyond technical considerations in AI discussions?

- a) Job displacement
- b) Industry streamlining
- c) Psychological impact
- d) Autonomous decision-making



REAL-WORLD CONNECTION

What is one action you can take this week to stay informed and make responsible decisions about AI?

“The future of AI is not just about technology, but about the values we choose to uphold.”

LIVEWORKSHEETS



DISCUSS THE FOLLOWING QUESTIONS

- 1 Considering Olivia's concerns about job displacement, discuss potential strategies or ethical frameworks that could address the impact of AI on employment and livelihoods.
- 2 Reflecting on Ethan's viewpoint on AI innovation, share examples of how AI has positively transformed industries or addressed complex challenges in your own experiences or observations.
- 3 Discuss Dr. Carter's emphasis on the psychological impact of AI. How do you think individuals' perceptions and interactions with AI can influence societal dynamics and collective well-being?