

Let's Talk Technology

Artificial Intelligence



Welcome & Objectives

Welcome to today's tech lesson: **AI & Automation**

Today, you will:

- Learn vocabulary related to AI, robots, and automation
- Practise **modals of possibility** and the **third conditional**
- Discuss the impact of AI on jobs and society
- Imagine and describe future tech



Icebreaker – What Do You Think of AI?

- Do you use any tools that involve AI (like translation, chatbots, recommendations)?
- Are you excited or worried about AI?
- What's something you'd love a robot to do for you?



Vocabulary – AI and Automation Basics

Discuss and define the following vocabulary with your tutor:

- artificial intelligence (AI)
- machine learning
- chatbot
- facial recognition
- algorithm
- sensor
- neural network
- Automation

Task: Match the term to their use

Example:

“A chatbot answers customer questions automatically.”



Vocabulary – Jobs & AI

Discuss and define the following vocabulary with your tutor:

- remote work
- virtual assistant
- self-driving car
- robotics
- warehouse automation
- job displacement
- AI ethics
- bias in data

Task: Which of these do you see in your country? Use 2 in a sentence.

Grammar – Modals of Possibility (might, could, may)

Understanding the grammar rule:

Modals of Possibility are used to express **uncertainty or possibility in the future**

Examples:

- “AI might replace some jobs.”
- “Robots could help in dangerous jobs.”
- “Some people may lose work, but new jobs will be created.”

Note: *might* and *could* are more common in speech.

Grammar Activity – Fill in the Modals

Complete the sentences with modals:

- AI _____ help doctors diagnose faster.
- Jobs in tech _____ grow quickly.
- Some workers _____ need to retrain.



Speaking – AI in Daily Life

- What tasks could AI help you with at home or work?
- What kind of AI tool might improve your routine?
- “A voice assistant could help me plan my day.”



Vocabulary – Types of Robots

Define and discuss the following vocabulary with your tutor:

- industrial robot
- surgical robot
- service robot
- drone
- humanoid robot
- delivery bot
- cleaning robot

Task: Pick 2 of the above. Would you trust them? Why/why not?

Grammar – Third Conditional

Understanding the grammar rule:

Third Conditional is used to talk about **imaginary past situations** and **regrets**.

Structure:

If + had + past participle, would have + past participle

Example:

“If we had used AI sooner, we might have saved more lives.”

“If I had studied computer science, I would have become a developer.”

Grammar Practice – Complete the Sentences

Fill in the blanks using the correct grammar:

- If they _____ (invest) in automation earlier, the factory _____ (grow).
- We _____ (lose) fewer files if we had used AI backups.



Discussion – Real AI, Real Use

Take turns with your tutor to read the following passage out loud:

Artificial Intelligence (AI) is changing the way we live. In some hospitals, AI helps doctors read X-rays more quickly and accurately. In cities, self-driving buses are being tested to improve transport. At home, smart devices like thermostats and speakers learn your habits and adjust automatically. Even shopping apps now suggest products based on your previous choices.

Questions:

- What surprised you in this passage?
- Do you know any other real-life examples of AI?
- How do you feel about AI being used in daily life?

Activity – Design Your AI Helper

Task: Think of your own personal AI assistant. It should help make your life easier, smarter, or healthier.

Answer the following:

- **What is it called?**
- **What does it do?** (Tasks, skills, or features)
- **How does it learn?** (Does it watch your habits? Does it ask questions?)
- **How does it help you every day?** (Examples from your daily routine)

Example:

“My AI is called MindMate. It reminds me to take breaks and meditate. It learns by watching how long I work and what times I usually relax. Every day, it suggests calming music, breathing exercises, and gives me short reminders to stay focused.”



Will AI Take Our Jobs?

Statement:

“AI will do most human jobs in the future.”

Respond to the statement.
You must include:

- A **modal of possibility** (*might, could, may, might not...*)
- **One example from real life**
- **One future prediction**

Example:

“I don’t think so. AI might take some jobs, but humans will still be needed. For example, in hospitals, AI helps doctors read X-rays, but it can’t replace human care. In the future, I think people and AI will work together, not separately.”



Listening Task – What If?

Tutor Reads Aloud:

“If robots had replaced truck drivers last year, thousands might have lost their jobs quickly. But safety on roads could have improved.”

Discussion Questions:

- What happened in this scenario?
(Was it real or imagined? What are the two possible effects?)
- Do you think it's realistic?
(Why or why not?)



Vocabulary – Ethics & Concerns

Define and discuss the following vocabulary with your tutor:

- data privacy
- job loss
- bias
- overreliance
- transparency
- misinformation
- surveillance

Task: Use 3 of the words from above in sentences about AI.

Activity – AI: Good Idea or Bad?

Task:

Choose 2 areas from the list below. For each one, say whether AI is helpful or harmful, and explain *why*.

- Education
- Healthcare
- Military
- Social Media
- Shopping

Example:

“AI in healthcare could save lives by finding diseases early. But in social media, it can spread misinformation because algorithms show people false or extreme content.”



Error Correction

Correct the sentences below:

- “AI might replaced jobs.”
- “If I study more, I would became a coder.”
- “We could saved time if we had use automation.”



Role Play – Pitch Your AI Idea

Scenario:

Imagine you are an inventor presenting your AI creation to a company. Your goal is to convince them to invest in your idea.

Include in Your Pitch:

- The Problem
What problem does your AI solve? (e.g., forgetting tasks, pollution, food waste, stress)
- What It Does
How does it work? What is special about it?
- How It Might Change People's Lives
What good results could happen if people use it?

Example:

“My AI is called *FocusBot*. Many students and workers get distracted while working. FocusBot blocks social media, gives break reminders, and tracks your focus time. If people use it, they might be more productive and feel less stressed.”

