



Green Technology & Innovation
Let's Talk Green



Welcome & Objectives

Welcome to your final lesson in the Green Series!

Today, you will:

- Learn vocabulary related to green technology and eco-innovation
- Practise **gerunds vs. infinitives** and the **future passive voice**
- Express your thoughts on sustainability inventions
- Create your own green ideas and explain them



Icebreaker – Green Gadgets Around You

Have a go at answering the following questions with your tutor:

- Do you use any green or smart technologies?
- What's one invention you think helps the planet?
- What's something you'd like to see invented?



Vocabulary – Green Technologies

Discuss and define the following vocabulary with your tutor:

- renewable energy
- solar panels
- wind turbine
- electric vehicle
- smart home
- battery storage
- biofuel
- low-emission

Task: Match the word to its use or benefit

Example:

“Solar panels use sunlight to generate electricity.”



Grammar – Gerunds vs. Infinitives

Understanding Gerunds and Infinitives:

Some verbs take **to + verb**, others take **verb + ing**:

Verb + to	Verb + ing
want to, plan to, hope to	enjoy, avoid, consider

Example:

“I want to install solar panels.”

“I enjoy learning about new inventions.”



Grammar Activity – Fill in the Form

Complete the sentences below using the correct grammar rule:

- I enjoy _____ (learn) about sustainable energy.
- She plans _____ (buy) an electric scooter.
- We avoided _____ (use) plastic in our project.



Speaking – My Tech Habits

Do you prefer riding a bike or driving? Why?

- Would you consider switching to an electric vehicle?
- What green changes have you made at home?



Grammar – Future Passive

Understanding the grammar rule:

We use **future passive** when focusing on the action, not the doer.

Structure:

will + be + past participle

Example:

“More eco-friendly homes will be built.”

“Plastic will be replaced by biodegradable packaging.”



Grammar Practice – Rewrite in Passive

Change the following sentences to future passive:

- Engineers will create green energy systems.
- They will replace petrol cars.
- Architects will design green buildings.



Vocabulary – Future Focused Inventions

Discuss the following ideas with your tutor:

- self-charging phones
- edible packaging
- solar roadways
- home energy dashboards
- electric cargo ships
- lab-grown meat

Task: Choose one. Would you use it? Why/why not?



Activity – Pros and Cons

Choose one green innovation:

- Electric cars
- Lab-grown meat
- Smart cities
- Vertical farming

Task: talk about 2 pros and 2 cons of the innovation.

Example:

“Electric cars are cleaner but expensive.”



Debate – Tech Can Save the Planet

Statement: “Technology will solve all our environmental problems.”

Task: Do you agree or disagree? Explain why.

Example starter:

- “I partly agree. Tech helps, however...

Then, ask your tutor the same question.



Innovation Brainstorm – What’s Missing?

What do you think still needs to be invented to help the Earth?

Ideas:

- A tree-planting robot
- A backpack that filters air
- A fridge that reduces food waste

Take turns with your tutor to create and explain your invention.



Pronunciation – Tech & Innovation Terms

Practise saying the following words:

- biodegradable
- innovation
- installation
- sustainable
- futuristic
- environmental

Task: Use 2 of these words to create a sentence.



Listening Exercise – Solar Boats in Amsterdam

Take turns with your tutor to read the following passage:

“The city of Amsterdam has been testing solar-powered boats for public transport. These boats create zero emissions and charge during the day.”

Questions:

- **What’s happening in Amsterdam?**
- **Why is it eco-friendly?**

Try to use vocabulary like *solar-powered*, *public transport*, *zero emissions*, or *eco-friendly*.

Bonus task:

Discuss: *“Would you like to see solar boats in your city? Why or why not?”*



Fill-in-the-Gap – Mixed Grammar

Complete the sentences using the correct grammar:

- More wind turbines will _____ (install) next year.
- I hope _____ (see) more green projects in cities.
- We considered _____ (use) recycled materials.



Role Play – Green Tech Startup Pitch

Scenario:

You are an inventor at a green tech event. You're pitching your new invention to help protect the environment. Your goal is to convince people to support or use it.

Your Pitch Should Include:

What it is – What is your invention? (e.g., a smart app, a solar-powered device, a recycling robot...)

What it does – How does it work? What problem does it solve?

How it helps the environment – Does it save energy, reduce pollution, protect nature, etc.?

What will happen if people use it – What changes will we see in the future?

Example:

“Hello everyone! Our invention is an app called *EcoTrack*. It connects to your home devices and tracks how much electricity you use. If we use this app, we'll reduce energy waste by 40%! This means lower bills and fewer carbon emissions. If more people use it, cities will become cleaner and more energy-efficient.”



Error Correction

Fix the errors in the sentences below:

- “Solar roads will building in the future.”
- “I enjoy to learn about technology.”
- “Electric bikes be used in my town.”

