



Project No.2

This project was created by a Green Skills Teacher Ambassador as part of the EcoAI EduNetwork Initiative (EAIEN). Developed within the scope of the online course AI-Empowered Green Skills Education, it demonstrates how teachers can integrate artificial intelligence (AI) tools and sustainability competences into a meaningful, student-centered learning experience.

Designed to be implemented within a single subject or through cross-disciplinary collaboration, the project promotes green skills and artificial intelligence literacy in the classroom. It shows how AI can serve as both a teaching assistant and a catalyst for empowering students to think critically and act sustainably and preparing them to become responsible, future-ready learners.



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Climate Change Storytelling Podcast



Project Description

In this project, students explore local or global climate challenges such as water scarcity, waste management, deforestation, or rising temperatures and transform their research into a creative storytelling podcast. They imagine a future world or community that has successfully overcome a specific environmental problem through innovation, cooperation, and sustainable practices. Students develop scripts, record narration, and enhance their episodes with AI-generated voices, music, and sound effects.

The project combines environmental literacy with creative communication, helping students understand climate issues while using storytelling to promote optimism and change. By blending factual research with fictional scenarios, students learn how AI-supported media production can make complex climate topics engaging and accessible for wider audiences.

Objectives



- Research and identify key climate change challenges affecting local or global communities.
- Develop a creative narrative imagining how a community could solve an environmental problem.
- Demonstrate collaboration, creativity, and critical thinking throughout the process.

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Related School Subjects



English Language & Literature, Geography, Environmental Science, ICT, Media Studies, Social Studies.



Green Skills

Communication, critical thinking, creativity, collaboration, climate literacy, advocacy, and media literacy.



AI Tools

ChatGPT (script development, idea generation), ElevenLabs (AI voice narration), Lumen5 or Synthesia (video or promo clip creation), Suno AI (background music).



Example Prompts

“Write a short, engaging story about a town that solved its water scarcity problem through renewable energy.”

“Generate a podcast script that mixes dialogue and narration to explain how communities can adapt to climate change.”

“Create background sounds for a podcast episode set in a future eco-friendly city.”

“Write a one-minute promotional text for a student podcast about climate solutions.”

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Notes to the teacher



Stage 1: Define the Challenge

Introduce students to major climate issues and ask them to select one problem to research in depth. Encourage them to find real data and local examples before imagining a future scenario that solves the issue.

Stage 2: Design & Prototype

Guide students in drafting scripts using AI for structure and inspiration. Support them in generating narration, music, or sound effects with tools like ElevenLabs and Soundraw. Allow teams to record and edit their podcasts collaboratively.

Stage 3: Communicate & Showcase

Help students publish their podcast episodes on the school website or share excerpts during a “Climate Stories Listening Day.” Encourage them to create short promotional clips using AI video tools.

Teacher Tips:

Foster interdisciplinary collaboration with language, science, and ICT teachers. Remind students to verify facts before including them in creative work. Promote ethical AI use and ensure proper attribution for AI-generated content.