



Exploring AI Tools

In this document, you will explore a variety of AI tools that can support you in designing engaging and creative learning materials. These tools can help you produce visuals, presentations, videos, texts, and interactive activities—quickly and effectively.

For each tool introduced, you will find:

- A brief explanation of what the tool does and how it works
- Practical suggestions on how to use the tool to create green skills-related content

Whether you're designing a poster about recycling, a video explaining climate change, or a student project on sustainable energy, these tools can bring your ideas to life and help make green education more impactful.



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1. ChatGPT



What does it do?

ChatGPT is an advanced language model developed by OpenAI that can generate human-like text based on prompts. It can be used to create educational content such as lesson plans, reading texts, writing prompts, comprehension questions, explanations, summaries, images and more. It supports multiple languages and can tailor its output to different age levels, subject areas, and learning goals.



How to use it to create materials

- **Step 1:** Define your learning objective (e.g., teaching students about climate change or sustainable consumption).
- **Step 2:** Write a clear prompt describing what kind of content you want.
- **Step 3:** Review, revise, and adapt the output to your class needs.
- **Step 4:** Use it as part of a lesson, a worksheet, a discussion starter, or a student project.

 **Tip:** Always review the content for accuracy and appropriateness before using or sharing.



How to access ChatGPT

You can access ChatGPT through the official OpenAI platform. The tool is available online and can be used without installation. A free version is available, though some advanced features may require a subscription.



chat.openai.com



Example Uses of ChatGPT in the Context of Green Skills Education

- **Generate a reading passage/ text or a scenario :** Ask ChatGPT to create a text for high school students on topics such as the importance of recycling and how it contributes to sustainability.
- **Create discussion questions:** After reading an environmental text in class, you can prompt ChatGPT to generate five open-ended questions that encourage critical thinking and classroom debate on issues like climate change.
- **Design a writing prompt:** Use ChatGPT to develop creative and meaningful writing tasks. For instance, you might ask for a writing activity in which students reflect on how they can reduce their environmental footprint at school or in their communities.
- **Create a quiz:** Teachers can request a short multiple-choice quiz — such as a 5-question test on renewable energy — designed for a specific grade level. This helps assess understanding and reinforce key concepts.
- **Generate an image:** DALL·E, an AI-powered image generation tool developed by OpenAI, is fully integrated into ChatGPT. You can simply type a prompt describing the image you need — such as a “sustainable city with solar panels and green rooftops” — and ChatGPT will generate a matching image in seconds. This is ideal for class posters, visual writing prompts, green skills storytelling and student project visuals.

2. Gemini



What does it do?

Google Gemini is an advanced generative AI tool developed by Google. Similar to ChatGPT, it can help teachers generate written content such as texts, summaries, questions, lesson ideas, images and more. It supports multiple languages and can adjust its tone and complexity to fit your classroom needs, including sustainability-focused lessons.



How to use it to create materials

- **Step 1:** Open Google Gemini with your Google account.
- **Step 2:** Type a clear prompt describing the teaching material you want to create.
- **Step 3:** Review the output and edit or copy it into your lesson documents.
- **Step 4:** Use the generated content in your worksheets, slides, activities, or student projects.



How to access Gemini

You can try Google Gemini for free using your Google account.



gemini.google.com



Example Uses of Gemini in the Context of Green Skills Education

- **Generate a reading passage:** Ask Gemini to write a short reading text (e.g., 150 words) for high school students on topics such as the impact of deforestation or the benefits of renewable energy. This can be used as a warm-up text, a comprehension passage, or part of a thematic unit on sustainability.
- **Create discussion questions:** After using an article or video on an environmental issue, prompt Gemini to generate 4–5 open-ended questions. These can be used to encourage classroom debate, develop critical thinking, and help students reflect on climate-related challenges in their communities.
- **Create a quiz:** Teachers can ask Gemini to generate a 5-question multiple-choice quiz on green skills topics like recycling, sustainable consumption, or water conservation. This is useful for quick formative assessments or digital quiz platforms like Google Forms.
- **Generate an image prompt:** Although Gemini itself doesn't yet generate images directly, you can ask it to create a detailed visual description—such as “a community garden where students are learning about composting and planting herbs.” This description can then be used in visual tools like Google ImageFX, Canva AI, or even DALL·E, allowing teachers or students to turn it into an actual image for classroom use.

3.Canva

What does it do?

Canva is a user-friendly design platform that now includes powerful AI tools to help teachers create engaging, professional-looking educational materials in minutes. Canva's AI features like Magic Write, Text to Image, and Magic Design can generate content, visuals, layouts, and more, saving time and boosting creativity.

How to use it to create materials

- Register or log in to [Canva.com](https://www.canva.com)
- Choose a template or start from scratch.
- Use the **Magic Write** tool in Canva Docs to generate text.
- Use **Text to Image** to turn a prompt into a classroom visual.
- Try **Magic Design** to create layouts instantly based on your content.

How to access Canva

Most AI features are available in the Canva Docs, Presentation, and Text to Image tools. Canva for Education is free for teachers and students. AI features may vary depending on account type and regional availability.



www.canva.com



Example Uses of Canva in the Context of Green Skills Education

- **Generate written content with Magic Write:** Ask Canva's Magic Write to generate educational content, such as a list of "5 sustainable habits for students" or "a paragraph explaining the importance of reducing single-use plastics." This can be used directly in a worksheet or slide.
- **Create custom visuals with Text to Image:** Type a detailed prompt like "a futuristic eco-friendly city with solar panels, green rooftops, and bike lanes", and Canva will generate original images you can use in presentations, posters, or student projects.
- **Design infographics on sustainability:** Input the key points (e.g., "steps to recycle properly at school") and let Canva generate a clear, student-friendly infographic. You can use AI-suggested layouts with Magic Design to speed things up.
- **Develop educational posters:** Use AI to generate slogans like "Protect Our Planet, One Action at a Time" and combine them with Canva templates and visuals to create impactful classroom posters or campaign materials.
- **Create interactive worksheets:** Combine Magic Write for text + Canva's templates to design beautiful, printable worksheets that include eco-tips, fill-in-the-blanks, or reflection questions.



4. Adobe Firefly



What does it do?

Adobe Firefly is Adobe's powerful generative AI tool that allows you to create images, text effects, design elements, and templates from simple text prompts. With Firefly, teachers can design custom visuals tailored to classroom themes like environmental protection, green cities, or renewable energy without needing any design skills. It's especially useful for enhancing project-based learning, visual storytelling, and sustainability education through high-quality, copyright-safe visuals.



How to use it to create materials

- Visit firefly.adobe.com and sign in with your Adobe or Google account.
- Select a feature (e.g., "Text to Image").
- Enter a descriptive prompt such as:
- "An illustrated poster of students planting trees in a green schoolyard with wind turbines in the background."
- Choose a style (e.g., watercolor, photo-realistic, 3D) and generate.
- Download or copy the image to use in presentations, posters, or worksheets.

 **Tip:** All images generated with Adobe Firefly are safe for educational use and are designed to respect copyright and usage rights.



How to access Adobe Firefly

Most features are free to try with an Adobe ID.

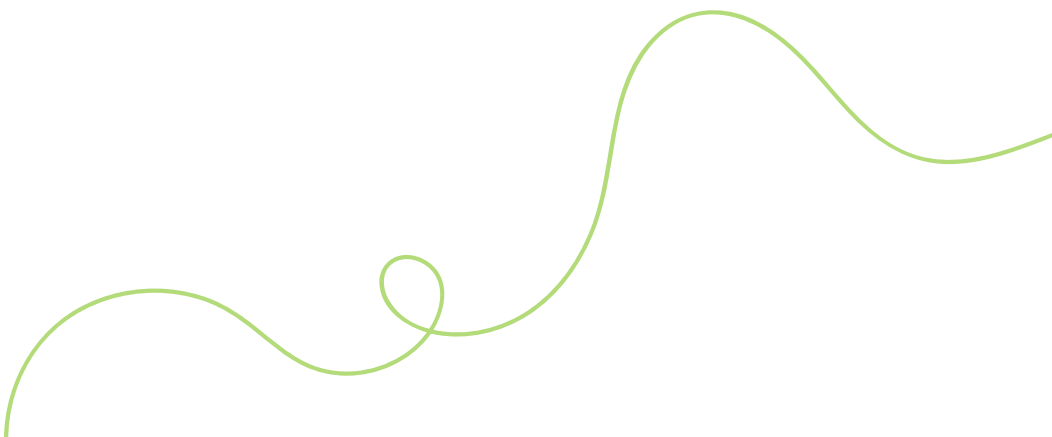


firefly.adobe.com



Example Uses of Adobe Firefly in the Context of Green Skills Education

- **Generate educational posters:** Ask Firefly to generate a poster background showing a sustainable city or classroom garden. You can later add your own slogans or text using PowerPoint, Canva, or Google Slides.
- **Create visual prompts for writing or discussion:** Use AI-generated images (e.g., “a polluted river vs. a clean river after restoration”) as visual stimuli for writing tasks, group discussions, or debate sessions on sustainability topics.
- **Design illustrations for student projects:** Support student storytelling, digital portfolios, or green innovation ideas with unique illustrations they can’t find in stock libraries — like “a biodegradable school lunch container made by students.”
- **Visualize complex concepts:** Turn abstract or scientific topics like “carbon footprint,” “circular economy,” or “green energy transition” into visual infographics or scenes that aid comprehension and memory.
- **Make your own classroom icons and assets:** Use Firefly to create matching icons, badges (e.g., “Eco Hero of the Week”), and stickers that promote student engagement in green challenges or school-wide campaigns.



5. Gamma



What does it do?

Gamma is a generative AI tool designed to help users quickly create professional-looking presentations, visual documents, and webpages from a simple prompt. For educators, Gamma offers a fast, intuitive way to build visually engaging lesson materials, student assignments, and project presentations—without needing design experience. It's ideal for green skills education, digital storytelling, and interactive student work.



How to use it to create materials

- Go to <https://gamma.app> and sign in with your email or Google account.
- Type a prompt like:
- “Create a 6-slide presentation about sustainable farming practices for high school students.”
- Gamma will instantly generate a themed deck including text, images, and layout.
- Edit the content, add questions or links, and present directly or export to PDF or PowerPoint.
- Share via link for remote access or collaborative student review.



How to access Gamma

No software installation required. All work is done in-browser and can be accessed anywhere. Presentations can be shared online or downloaded and opened with tools like PowerPoint or Google Slides for offline use or further editing.



gamma.app



Example Uses of Gamma in the Context of Green Skills Education

- **Create a lesson presentation:** Ask Gamma to generate a slide deck on topics like “What is a circular economy?” or “10 ways to reduce energy use at school.” Each slide comes with visuals and editable explanations.
- **Design a student-led project brief:** Prompt Gamma to produce a project outline — such as “a presentation template for students proposing a school sustainability initiative” — which students can complete and present.
- **Develop explainer decks:** Use Gamma to build micro-presentations on key terms (e.g., carbon footprint, sustainable consumption), turning definitions into interactive visual resources.
- **Convert a reading passage into slides:** Paste an AI-generated or textbook text about climate change into Gamma, and it will transform the content into a clean, engaging visual summary.



6. HeyGen



What does it do?

HeyGen is a powerful generative AI platform that allows users to create high-quality, realistic talking-head videos from written scripts. It uses virtual avatars and text-to-speech technology to produce professional video content without the need for cameras, microphones, or editing skills. For teachers, HeyGen is ideal for delivering lesson introductions, student instructions, flipped classroom content, and digital storytelling—especially in green skills and sustainability education, where visual impact and clear communication matter.



How to use it to create materials

- Visit <https://www.heygen.com> and create an account.
- Choose an avatar, select your preferred voice and language.
- Paste your script (e.g., a short explanation about recycling or climate action).
- Preview and generate the video.
- Download or share the video link for classroom or online use.



How to access HeyGen

Free version includes limited exports and watermark; paid versions offer more avatars, voices, and longer videos. Videos can be downloaded and embedded in slides, learning platforms, or shared via link.



[heygen.com](https://www.heygen.com)



Example Uses of HeyGen in the Context of Green Skills Education

- **Introduce a green skill or a concept:** Use HeyGen to create a concise video where an AI avatar explains a specific green skill—such as energy efficiency, waste reduction, or sustainable transportation. These videos can serve as engaging micro-lessons that introduce key concepts in a clear, visual, and student-friendly format.
- **Create a lesson opener:** Generate a short video with an avatar explaining the day's topic, such as “What is sustainable consumption?” Use this at the start of class to grab attention and provide context.
- **Explain project instructions:** Instead of giving written guidelines, turn them into a clear, friendly video presentation for a student-led activity like a “Green Innovation Fair.”
- **Promote school sustainability campaigns:** Create engaging announcement videos featuring avatars to introduce recycling competitions, green week challenges, or school-wide eco-projects.

7. Synthesia



What does it do?

Synthesia is a leading AI video generation platform that allows you to produce videos from text using life-like avatars and natural-sounding voices. With a wide range of templates, voices, and languages, Synthesia enables educators to create high-quality, engaging video content for lessons, flipped classrooms, student projects, and more. It's especially effective for green skills education, where visual explanations and consistent messaging enhance understanding and student interest.



How to use it to create materials

- Go to <https://www.synthesia.io> and sign in.
- Choose a video template or start from scratch.
- Select an avatar, language, and voice.
- Paste your script (e.g., an explanation of composting or renewable energy).
- Generate the video and download or share it.



How to access Synthesia

Sign up with your email to start creating videos. A free trial is available, which includes limited video exports and basic avatar options. For full functionality—such as longer videos, additional avatars, and branding tools—a paid plan is required.



[synthesia.io](https://www.synthesia.io)



Example Uses of Synthesia in the Context of Green Skills Education

- **Introduce a Green Skill or Concept:** Use Synthesia to create a short explainer video where an avatar introduces a topic like sustainable transportation or the concept of zero waste. These videos can replace traditional lecture segments or be shared online as standalone microlearning resources.
- **Guide Project-Based Learning:** Create a video briefing that outlines a student assignment such as a Green Innovation Challenge. This helps ensure consistency of instruction and supports self-paced learning.
- **Generate Multilingual Resources:** Take advantage of Synthesia's language options to produce the same video in multiple languages—ideal for inclusive classrooms or international collaborations focused on sustainability.
- **Create Project/ Campaign Messages:** Design short, persuasive videos with avatars to promote recycling programs, green weeks, or student-led environmental initiatives. These videos can be shared on screens, in assemblies, or on digital platforms.

8. Eleven Labs



What does it do?

ElevenLabs is an advanced AI text-to-speech platform that transforms written text into highly realistic, human-like speech. It supports multiple languages, accents, and voice styles, allowing teachers to create audio materials for listening tasks, accessibility support, flipped classrooms, and audio-enhanced lessons—all without needing to record their own voice. It is especially useful for supporting inclusive education, language learning, and green skills content where auditory learning can enhance engagement and comprehension.



How to use it to create materials

- Visit <https://www.elevenlabs.io> and create a free or paid account.
- Choose a voice (select from existing voices or create your own).
- Paste the script or lesson content you want to convert to audio.
- Select the language and voice settings.
- Generate and download the audio file.
- Integrate the audio into slides, videos, online platforms, or listening activities.



How to access Eleven Labs

A free plan is available with limited usage. Paid plans allow longer audio generation, voice cloning, and commercial use. All audio files can be downloaded and used in educational platforms or multimedia materials.



[elevenlabs.io](https://www.elevenlabs.io)



Example Uses of Eleven Labs in the Context of Green Skills Education

- **Create audio reading materials:** Convert a short passage about recycling, sustainable cities, or renewable energy into an audio file. Use the audio as part of a listening activity, embed it in a student podcast project, or convert it into a QR code linked to a spoken message on a classroom poster or display board.
- **Support language learners:** Generate green skills-related vocabulary lists or explanations with clear pronunciation in English or another language, helping multilingual learners better understand sustainability content.
- **Narrate student projects:** Turn student-written green-themed essays or stories into narrated audio for a classroom podcast, presentation, or digital storytelling project.
- **Make content more accessible:** Provide audio versions of written worksheets or project instructions to support students with reading difficulties or visual impairments.



9. Lumen5



What does it do?

Lumen5 is an AI-powered platform that turns text into short, visually engaging videos. It automatically selects stock images and footage, adds animations, highlights key phrases, and pairs it all with music and transitions—creating dynamic videos in minutes. Lumen5 offers a simple way to transform written educational content into attention-grabbing videos that support flipped classrooms, digital storytelling, and environmental awareness campaigns. It's particularly effective for green skills education, where visual narratives help connect students to real-world sustainability issues.



How to use it to create materials

- Go to <https://www.lumen5.com> and sign up for a free account.
- Choose a video template (landscape, square, vertical, etc.) depending on your platform or use case.
- Paste in your content—this could be a short article, list, script, or even lesson summary.
- Lumen5 will generate a first draft video with visuals, highlighted phrases, and music.
- Customize the visuals, transitions, and text as needed.
- Export the video and share it with students via your LMS, social media, or classroom screen.



How to access Lumen5

The free plan includes basic features with branding. Paid plans offer high-definition video, advanced customization, and brand removal.



[lumen5.com](https://www.lumen5.com)



Example Uses of Lumen 5 in the Context of Green Skills Education

- **Introduce a Green Concept Visually:** Turn a short script or article into a video introducing topics like sustainable farming, climate change, or zero-waste lifestyles. Use it as a lesson opener or a learning resource.
- **Create a Summary of a Classroom Campaign:** Document the highlights of a school sustainability week or student-led green initiative. Include visuals, stats, and student quotes to celebrate and share the impact.
- **Design Awareness Videos for Social Media:** Use Lumen5 to produce short vertical videos like “5 Simple Ways to Save Water at School” for your school’s Instagram or YouTube channel. These are ideal for student engagement and real-world relevance.
- **Turn Student Work into Multimedia:** Have students write articles or reflections on environmental topics, then use Lumen5 to turn their work into short educational videos as part of a digital portfolio or project presentation.