Helping equip students, parents, educators, and schools with the skills and tools to use AI responsibly and effectively

At Google, we believe that everyone deserves access to great learning experiences, and it's our responsibility to support students, teachers, and schools in using the power of AI. Alongside our products that power education, Google offers a wide range of AI skills programs, trainings, and industry-recognized credentials to address the specific needs of the education community. We're continuing to invest in AI literacy programs and resources to help today's educators, students, and their families thrive in an AI-driven world.

Funding to expand access to AI skills

➔ Google has committed $1 billion over the next three years to support education and job training, including $150 million dedicated to AI education grants and digital well-being. Building on this pledge, Google.org has contributed more than $40 million to date to help advance AI education and computational action. And the AI Opportunity Fund for educators and students will equip more than 500,000 educators and students across the US with foundational AI skills.

➔ Since announcing Google.org's investment in AI literacy, these grants have advanced AI literacy at scale, and have benefited more than 13 million students through the support of organizations such as AI4K12, which provides on-the-ground teacher professional development that integrates AI into courses aligned to their 5 Big Ideas in AI. This also includes access to Generative AI for Educators with Gemini, a course to help teachers build AI into their practice.

➔ Funding also supports the efforts of App Inventor's "Educator Collaborative" initiative to create teacher champions and communities of practice that share how to use their AI-powered app development platform in classrooms.

For educators and schools

➔ Google offers courses and certifications designed to help educators in K-12 and higher education use AI to save time, create engaging learning experiences, and inspire new ideas. For instance, through a company initiative to upskill as many education professionals as possible on AI, we've already trained over 750,000 educators via Google for Education's Champions, Partners, and Googler-led training programs, via dedicated courses and a Gemini Space on our Community Platform. The free-of-charge Gemini Certification for Educators and Gemini Certification for University Students have seen massive interest, with over 50,000 certified since launch; these validate foundational generative AI knowledge and the ability to effectively integrate Gemini and other Google AI tools in the classroom. The Generative AI for Educators with Gemini course is one such offering, providing interactive, practical training for teachers.

➔ We also provide several other learning opportunities: monthly webinars for education leaders to explore our latest advancements, in-person programs such as the Gemini Academy and AI+Edu Fellowships that bring together communities of passionate educators to explore applications for AI in education, and our extensive ecosystem of Professional Development Partners that extends AI training directly to schools.

➔ To make these opportunities more accessible, higher education institutions are eligible for no-cost Google Cloud Certificates and AI credentials through the Google Career Launchpad program.

Our impact

Over 750,000 educators have been trained on AI through Google for Education programs in 2025 alone.

ai.google/literacy

For students and future workforce

→ To help younger learners use AI responsibly, their Gemini product experience includes helpful AI literacy resources, developed in collaboration with ConnectSafely and the Family Online Safety Institute (FOSI). Educators can also use our Responsible AI lesson plan to teach these same best practices in their classroom. In addition, the Be Internet Awesome curriculum now includes foundational AI literacy lessons designed to prepare elementary and middle school students for safe interaction with AI.

→ A key part of this effort is the Experience AI program, which helps students learn the foundational building blocks of AI literacy and critical thinking. Developed by Raspberry Pi Foundation and Google DeepMind, this program has reached over 2 million students globally, with 95% of educators agreeing the sessions have increased their students' knowledge of AI concepts.

→ AI Quests, a game-based, code-free AI learning experience created by Google Research and the Stanford Accelerator for Learning, lets middle school students experience the AI life cycle firsthand. These quests are now embedded into Experience AI and CRAFT by Stanford Accelerator for Learning, making them available to any AI literacy provider, teacher, and student.

Classroom to career

At Google, we continue to expand our efforts to connect trained talent to employers. Our hiring consortium, which includes over 150 employers, has placed thousands of Google Career Certificate graduates into jobs. And employers, like Miami Dade County Public Schools (MDCPS), that want to bring on skilled individuals quickly, can use our skills-based hiring initiative. MDCPS is using our technology to help speed learners who complete a Google Cloud Certificate through their hiring process – creating a **direct pathway to a job**.

→ Looking beyond the classroom, we help students build career-ready skills. Through the Google AI for Education Accelerator,* which partners with over 200 colleges and universities, Google Career Certificates teach job-ready skills for high-growth fields, while Google Cloud offers students a tailored learning program that lets them perform interactive labs, earn badges, and demonstrate skills to employers, including Google Cloud AI courses on YouTube. From beginners to experts, Google Skills helps learners skill up on AI with credentials and training, while our general AI courses teach in-demand skills to supercharge their work or business with AI.

→ To help students explore potential career paths, we offer Career Dreamer,* which uses AI to help them explore future career possibilities.

→ For those seeking practical experience, Google's apprenticeship programs integrate on-the-job AI training and classroom learning for AI skills in areas like data analytics and UX.

For parents and families

→ To support families in exploring AI together, we've developed a range of resources, including a Guardian's Guide to AI along with a conversation guide. For those who prefer multimedia, we've also launched a new podcast called "Raising Kids in the Age of AI," created by the AI Education Project (aiEDU) in collaboration with Google. Our video series also teaches parents how to use our newest AI features, like Guided Learning, to break down homework questions step-by-step, and how to help their children prepare for exams with study guides, or even kick off a creative project or essay.

→ Our ongoing collaboration with the National Parent Teacher Association (NPTA) to provide parents with online safety and AI literacy content has reached nearly 4,000 parents across 50 states. These efforts are further supported by our in-person, interactive AI workshops and partnership with ConnectSafely to distribute helpful guides on how to use our latest AI tools for learning.

→ These build on programs such as Be Internet Awesome and Online Safety Roadshows, which have helped millions of kids learn how to safely and confidently explore the online world.

→ Explore the AI Literacy Notebook on NotebookLM, populated with over 25 of our top AI literacy resources.

Powering our education products with AI that is purpose-built for teaching and learning

Our AI is infused with learning science through [LearnLM](#), our family of models fine-tuned for learning and built in partnership with education experts. Today, Gemini 3 Pro is the best model in the world for multimodal understanding. Alongside this powerful technology, our tools are built with a strong focus on data protection and admin controls to ensure a private and secure environment for school communities.

To make our [best-in-class AI](#) accessible, all Google Workspace for Education customers globally have access to [Gemini for Education](#) with [enterprise-grade data protection](#) at no cost, with the option to add additional advanced features for some, or all, of their users. This helps make our AI more accessible to educators and students around the world. We also ensure students under 18 get a distinct product experience with extra guardrails and AI literacy resources. Admins can manage access to Gemini and get visibility into usage with the Admin console and Vault. As an added layer of protection, chats are not reviewed by human reviewers or otherwise used to improve generative AI models.

Elevating educators and equipping institutions

[AI can give educators time back](#) to invest in themselves and their students, while enhancing their creativity and productivity so they can focus on what matters most: the art of teaching and the science of learning.

Improve instruction and make learning more personal
Teachers can use **Gemini for Education** to differentiate learning materials, re-level content, create custom AI assistants with **Gems**, and more. Using **Gemini in Google Classroom**, teachers can access a suite of over **30 no-cost AI tools** to create custom vocabulary lists, build choice boards, write a story, craft a compelling hook, and more.

Save time and reduce administrative burden
With the scaffolded tools in **Gemini in Classroom**, teachers can generate first drafts of differentiated lesson plans and quizzes. Use starter prompts in **Gemini for Education** to develop a unit plan, brainstorm a science lab experiment, draft a class newsletter, and more. With Google AI tools like **NotebookLM**, educators can summarize dense research and build a custom **Gem** that acts as a Universal Design for Learning (UDL) partner to make lessons more accessible for all. And educators can get more done with AI features on **Chromebook Plus** like Help me read and Help me write.

Maintain privacy and security, free of charge
Block over 99.9% of spam, phishing attempts, and malware with AI-powered protections in **Gmail**. There have been zero reported successful ransomware attacks on **Chromebooks**, and **Google Cloud** delivers a zero-trust approach to security with AI-driven threat prevention, detection, and mitigation tools.

Helping students develop digital literacy skills and prepare for an AI-driven future
AI can help meet students where they are, with adaptive tools that help them keep pace with their curiosity and deepen their understanding of the world.

Provide in-the-moment support
[Students can use](#) **Gemini for Education** to learn confidently and prepare for an AI-driven future with personalized practice materials, real-time feedback, step-by-step guidance, a brainstorming partner, and more. Teachers can also provide students with in-the-moment support through AI-powered tools in **Google Classroom**, such as **practice sets**, **interactive questions with YouTube videos**, and **Read Along in Classroom**.

Improve accessibility
Students can use advanced text-to-speech, dictation, and live and closed captions with AI built into **Chromebooks**. They can try AI-enhanced transcription, noise cancellation, and captions in **Google Meet**, and use **Gemini Live** to talk out loud and get real-time responses for brainstorming or simplifying complex topics.

Adapt to each learner
With their own sources, students can define what they want to understand with **NotebookLM** to create one-click summaries, FAQs, study guides, Mind Maps, or Video and Audio Overviews to listen to on the go. With advanced text-to-speech and speech recognition, they can build reading skills at a personal pace using **Read Along in Google Classroom**. **Guided Learning** in Gemini also help students build a deep understanding with step-by-step breakdowns and probing questions.

[ai.google/literacy](#)