

Title: Advancing Education Using Google AI

URL: https://edu.google.com/intl/ALL_us/ai/education/

for Education for Education Google is committed to making AI helpful for everyone, in the classroom and beyond. AI can never replace the expertise, knowledge or creativity of an educator ? but it can be a helpful tool to enhance and enrich teaching and learning experiences. As part of our Responsible AI practices, we use a human-centered design approach. And when it comes to building tools for education, we are especially thoughtful and deliberate. AI can help educators boost their creativity and productivity, giving them time back to invest in themselves and their students. With 99.9% of spam, phishing attempts, and malware blocked by AI-powered detection and zero reported ransomware attacks on any ChromeOS device, we make security our top priority. With Gemini, educators have an AI assistant that can help them save time, get inspired with fresh ideas, and create captivating learning experiences for every student. Educators can make learning more engaging through video lessons, and save time with AI-suggested questions for YouTube videos in Classroom (coming soon). Chromebook Plus is affordable, powerful, and built with the best of Google AI to meet the needs of both teachers and staff. AI can help meet students where they are, so they can learn in ways that work for them. Practice sets in Google Classroom enables educators to automatically provide their students with real-time feedback and helpful in-the-moment hints if they get stuck. AI built into Chromebooks provides advanced text-to-speech, dictation, and live and closed captions. The Read Along integration with Classroom provides real-time feedback on pronunciation to help build reading skills at a personal pace. Gemini is an AI assistant across Google Workspace for Education that helps you save time, create captivating learning experiences, and inspire fresh ideas ? all in a private and secure environment. Gemini Education can be purchased as an add-on to any Google Workspace for Education edition. GUIDE GUIDE TRAINING WEBSITE TRAINING TRAINING GUIDE PILOT PROGRAM TOOLKIT VIDEO RESEARCH TRAINING TRAINING TRAINING TRAINING EXPLORATION A Google for Education YouTube series, featuring conversations with thought leaders who are shaping the future of education. In season 2 of Teaching for Tomorrow, educational thought leaders talk about the potential of AI to transform teaching and learning, from elevating educators to making learning more inclusive and personal for students. David Hardy, CEO of All-365 and Made by Change, explains how digital technology can help make education and learning more inclusive. Lisa Nielsen, Founder of The Innovative Educator, explains how generative AI can help teachers spend more time with students, personalize learning, and connect their classrooms to the world. Safety and privacy Google Workspace for Education is built on our secure, reliable, industry-leading technology infrastructure. Users get the same level of security that Google uses to protect our own services, which are trusted by over a billion users around the world every day. While AI capabilities introduce new ways of interacting with our tools, our overarching privacy policies and practices help keep users and organizations in control of their data. In addition, all core Workspace tools ? like Gmail, Google Calendar, and Classroom ? meet rigorous local, national, and international compliance standards, including GDPR, FERPA, and COPPA. Chromebooks are designed with multiple layers of security to keep them safe from viruses and malware without any additional software required. Each time a Chromebook powers on, security is checked. And because they can be managed centrally, Chromebooks make it easy for school IT administrators to configure policies and settings, like enabling safe browsing or blocking malicious sites. No. When using Google Workspace for Education Core Services, your customer data is not used to train or improve the underlying generative AI and LLMs that power Gemini, Search, and other systems outside of Google Workspace without permission. And prompts entered when interacting with tools like Gemini are not used without permission beyond the context of that specific user session. Google takes the safety and security of its users very seriously, especially children. With technology as bold as AI, we believe it is imperative to be responsible from the start. That means designing our AI features and products with age-appropriate experiences and protections that are backed by research. And prior to launching any product, we conduct rigorous testing to ensure that our tools minimize potential harms, and work to ensure that a variety of perspectives are included to identify and mitigate unfair bias. Across Google Cloud & Google Workspace, we've long shared robust privacy commitments that outline how we protect user data and prioritize privacy. AI doesn't change these commitments - it actually reaffirms their importance. We are committed to preserving our customers' privacy with our AI offerings and to supporting their compliance journey. Google Cloud has a long-standing commitment to GDPR compliance, and AI is no different in how we incorporate privacy-by-design and default from the beginning. We engage regularly with customers, regulators, policymakers, and other stakeholders as we evolve our offering to get their feedback for Edu AI offerings which process personal data. Partnership and resources Yes. A big component of being thoughtful with new technology is our commitment to partnering with schools and educators, as well as other education experts (like learning scientists) and

organizations, along the way. We don't just build for educators, we build with them. Through our Customer Advisory Boards and Google for Education Pilot Program, we also work directly with school communities around the world to gather feedback on our products and features before making them widely available. By listening to their perspectives, understanding how they're using our tools, and addressing their challenges, we can be thoughtful in our product development and implementation. We also roll out new features gradually, ensuring that schools can stay in control of what works best for them. Teams across Google are actively creating and curating content and tutorials. Here are a few of our favorites, with more on the way: Generative AI for Educators, A Guide to AI in Education, Grow with Google: AI and machine learning courses, Applied Digital Skills: Discover AI in Daily Life, Google Cloud Skills Boost: Intro to Gen AI Learning Path, Introduction to Machine Learning, Google Arts & Culture: overview of AI Experience. For content more relevant to your region, we suggest: Sign up here for updates, insights, resources, and more.

Title: 7 AI Tools That Help Teachers Work More Efficiently - Edutopia

URL: <https://www.edutopia.org/article/7-ai-tools-that-help-teachers-work-more-efficiently/>

These apps and websites can help teachers boost their productivity, personalize learning, and create lesson content. Your content has been saved! Over the past five years, I've explored ways to integrate AI into my teaching practice—even before ChatGPT and other generative AI became some of the most talked-about topics in education. Every educator needs to learn about AI and how we can leverage this technology to benefit our students and enhance our own work. To best provide for our students, we need to understand how this technology will impact them and us. What better way than to explore new tools via AI in our teaching practice? Our roles as educators have continued to change over the years. With technology comes a bit of hesitancy, especially with something as powerful as AI. In our schools, we have to provide opportunities for students to learn about changing technology because of the impact it may have on their future. Not only can AI tools enhance creativity and productivity, but also they can provide educators with valuable insights into student learning and assist with some of the time-consuming tasks that educators have. Even with all of the promises of AI, it is important that we take time to talk about artificial intelligence in our classrooms. Not only do we teach the content, but we serve as mentors, facilitators of learning and co-learners with our students, especially as we embrace these emerging powerful technologies. It's important that we help our students learn about the benefits of them and also show how to use these tools properly, responsibly, and ethically. Personalized learning: Educators can provide tailored learning experiences based on AI-driven analytics that provide valuable insights into student performance and learning trends. Using this data, AI can instantly adapt student learning materials. Teachers can then use this information to provide personalized learning experiences, adapting to each student's strengths, weaknesses, and learning pace. Productivity and efficiency: Greater efficiency comes with AI as well. Educators are responsible for a variety of clerical tasks, such as communicating with students and their families, grading assessments, and providing feedback. Educators may find they spend more time on these clerical tasks rather than on teaching and working directly with students. The right AI tools can help to automate or streamline these tasks, which allows teachers to have additional time with their students. Creating and supplementing content: Through AI-powered platforms, teachers can curate a range of educational resources. With generative AI in particular, teachers are able to create lessons, activities, assessments, prompts for discussion, and presentations simply by providing a short prompt with keywords. Here are seven AI-powered tools that will help teachers with personalized learning that enables them to become more efficient and save time that can then be spent with students. I have used each of these for my own personal writing and creating of presentations, and the amount of time they save by generating the slides alone helps me to focus more closely on the content. I also appreciate that the tools offer translation options and a variety of templates and other resources that are commonly used by educators. 1. AudioPen: For years, I have been using voice-to-text to write blogs, books, emails, and lesson plans. This is an AI-powered web app that you can use on your computer or phone. The app takes your words and enhances them as it generates the text, which you can edit as needed. 2. Canva Magic Write: Canva now offers an AI text-to-image generator called Magic Write, which can inspire creativity in writing. It provides ideas, helps with brainstorming, and supports lesson planning, making it a useful tool for educators for creating a presentation or other graphic for classroom use. Magic Write can assist with many writing tasks that educators may have by analyzing the word prompts and then helping with brainstorming, creating an outline, writing lesson plans, or generating a visually engaging presentation in far less time. 3. Curipod: This website enables teachers to create interactive lessons in minutes using AI. Students can explore various topics, and the AI functionality helps generate

customized lessons tailored to their learning needs. Teachers simply type in a topic, and a ready-to-run lesson is generated with text, images, and activities such as polls, open-ended responses, word clouds, and more. There are even activities to build in that focus on SEL check-ins.

4. **Eduaide.Ai:** This is an AI-assisted lesson-development tool that provides educators with more than 100 resource types to choose from to create high-quality instructional materials. It offers the ability to translate the generated content into more than 15 languages instantly. Educators can generate a syllabus, create discussion prompts, use the "teaching assistant" for help with creating individualized education program plans, write emails, or even compile a list of accommodations for students. Eduaide.AI has a content generator, teaching assistant, feedback bot, free-form chat, and assessment builder.

5. **OpenAI:** The recently released *Teaching with AI guide* for teachers was created to help educators use ChatGPT in their classroom. The guide comes with several suggested prompts and includes explanations that clarify exactly how ChatGPT works and what its limitations are, and it provides reminders of the importance of verifying information and checking for bias. With ChatGPT 4, which is a paid version, there is greater accuracy and reliability of information than with the original version.

6. **Quizizz:** With Quizizz, teachers can design quizzes that will create a personalized learning path based on each student's responses. Teachers can also create lessons with Quizizz, which now has an AI enhancement that can adjust question difficulty, check grammar, and redesign questions to reflect real-world scenarios, with more features on the way.

7. **Slidesgo:** This tool provides access to free templates via Google Slides and now has the AI Presentation Maker. With this new functionality, presentations can be created within minutes. Simply choose a topic; select a tone such as casual, creative, or professional; make changes; and download your presentation. A time-saver for sure! Creating and sharing these resources with our students leads to rich conversations about the benefits of AI and proper use of this technology for creating and learning.

There are many more tools available for teachers to explore that can help with each of the key areas that I mentioned. Most important is selecting a tool to start with and reflecting on how it impacted your practice.

Title: AI for education | Microsoft Learn

URL: <https://learn.microsoft.com/en-us/training/educator-center/topics/ai-for-education>

This browser is no longer supported. Upgrade to Microsoft Edge to take advantage of the latest features, security updates, and technical support.

Microsoft Learn Educator Center Explore resources and training on how to use artificial intelligence (AI) for educational purposes with Microsoft. Engage learners with AI and data science through the FarmBeats for Students hands-on STEM program. Teach precision agriculture and highlight how modern technology supports sustainability. Educators are introduced to the powerful AI tools Microsoft offers for free to educators and learners. Navigate AI in education by looking at essential AI concepts, techniques, and tools. Explore using Microsoft Copilot in education by learning basic concepts, modes, and features. Build fluency through independent practice and save time with Insights. Help learners discover, interact, and create with AI and generative AI including responsible use of AI and prompt engineering. Education leaders advance their AI journey with strategies, tips, and practical frameworks for effective implementation. Explore the potential of artificial intelligence in education. Find resources to get started with Copilot Chat, the AI assistant for educators, staff, and higher education students. Discover the limitless potential of AI to optimize resources, streamline tasks and personalize learning experiences, empowering students and educators alike. Access free artificial AI resources from across Microsoft to help you prepare your students for the AI-driven future. Educators can use this curated collection of Bing Chat prompts to help craft engaging lessons, respond to student inquiries, or streamline administrative tasks and improve productivity. Enhance your higher education curriculum with continually updated technical AI content for your classroom. Your students benefit from the technical skilling that is relevant to industry needs and real-world job responsibilities. Microsoft works with communities, nonprofits, education institutions, businesses, and governments to help people excluded from the digital economy gain the skills, knowledge, and opportunity to gain jobs and livelihoods. Learn about AI and access resources and training on in-demand AI and machine learning skills for jobs and organizations. Teach AI across the curriculum with Minecraft Education! Explore immersive lessons and videos to help your learners understand AI, download our prompt-writing resource for educators to create engaging lesson plans, and spark classroom discussion on this critical topic. Classroom toolkit: Unlocking generative AI safely and responsibly is a creative resource that blends engaging narrative stories with instructional information to create an immersive and effective learning experience for educators and students aged 13-15 years. Engage students and improve reading fluency with AI-powered stories and personalized practice. Learners create unique AI-generated stories that are moderated for content quality, safety, and age appropriateness. Learn what AI is,

why it's needed, and how cloud computing and platforms relate to it. Introduction to how AI is applied in daily life and across industries, including NLG and speech recognition. Explore the roles and types of APIs and databases and how they're a part of programming. Explore two computing languages used for AI programming, R and Python, and Minecraft Hour of Code. Microsoft Azure AI fundamentals Introduction to fundamental concepts related to artificial intelligence (AI) and the services in Microsoft Azure that can be used to create AI solutions. Prepare to teach AI-900 Microsoft Azure AI fundamentals in academic programs Learn about the Microsoft Learn for Educators program and how to best deliver its content to your students. Prepare to deliver Microsoft's Azure AI fundamentals. Develop Generative AI Solutions with Azure OpenAI Service Learn how to provision Azure OpenAI service, deploy models, and use them in generative AI applications. Discover the world of AI and its potential in education with Code.org's learning series for teachers. Toolkit to create guidance to help communities realize the potential benefits of incorporating AI in primary and secondary education. Introduce students to how AI works and why it matters.

Title: Artificial Intelligence in Education - ISTE

URL: <https://iste.org/ai>

ISTE+ASCDempowers educators worldwide to safely and responsibly use AI in learning. As the largest provider of AI professional development, ISTE+ASCD brings educators together to enhance learning and prepare students to become the next generation of AI designers and problem-solvers. Join us in exploring the ways AI tools can supportTransformational Learning Experienceswhile addressing the ethical considerations of using this powerful new technology for learning. We offer a wide range of online, blended, and in-person learning about AI for beginners all the way to experts. ISTE collaborates with educators and leaders across schools, districts, states, and ministries to build an understanding of AI. Contact us andlearn more. In this ISTEU course, you?ll learn to identify the various types of AI, hear about AI technologies on the horizon and build some of your own tools to make AI concrete and accessible for you and your students. This course is designed to get beyond the basics, equipping you to curate, create, and critically assess AI technologies and ensuring they enhance your educational goals in meaningful and responsible ways. Learn More About GenerationAI? Join our Educator AI Community on Connect! Learn About AI Educators Community? ISTE+ASCD is developing the first AI coach specifically for educators. With Stretch AI, educators can get tailored guidance to improve their teaching with answers based on carefully validated set of research-based publications. Educators can strengthen students' AI literacy through various hands-on activities, ranging from technology-free "unplugged" exercises to the development of chatbots and simple video games. The curriculum includes specialized guides tailored for different teaching contexts - elementary school, secondary school, elective courses, and computer science classes - along with a dedicated guide focusing on AI ethics. These educational resources are available for download in English, Spanish, and Arabic. Education leaders must focus on safe, responsible, and effective use of AI that supports the overall instructional vision.Download this free guide(UK version) to get the background you need to guide your team in an AI-infused world. Get practical tools and strategies for teaching AI across the K-12 curriculum with this accessible guide. By Rachelle Dené Poth \$34.99(Regular Price) This practical guide helps school leaders leverage the power of AI to explore possible solutions to problems and generate actionable steps toward positive change. By Vickie F. Echols \$37.99(Regular Price) Explore the innovative solutions for real-world problems our students are solving as AI designers and creators as well as how educators are integrating AI into the classroom. Learn more about thestudent projects from ISTELive. Watch Fullscreen Watch Fullscreen Watch Fullscreen Watch Fullscreen Watch Fullscreen Watch Fullscreen Explore curated\ stories from ISTE, ASCD and EdSurge. Our vision is that all students engage in transformative learning experiences that spark their imagination and prepare them to thrive in learning and life.

Title: Downloadable Resources ? AI for Education

URL: <https://www.aiforeducation.io/ai-resources-main>

If you're getting started implementing Generative AI at your school, we've got you covered with our free resource library. Want to partner with AI for Education at your school or district?LEARN HOW SERVICES AI Training AI Policy

