

# Guardian's Guide to AI

AI is reshaping how we work and envision our world. At Google, we've been preparing for this for quite some time. We first used AI in 2001 when we launched our [spelling correction system](#) in Google Search. Now, AI is in many Google products that billions of people use every day.

To bring the power of AI into education technology, we've applied our insights from building digital tools for the classroom for over a decade to design AI experiences with safety at the core.



Use this guide to understand more about AI in education, data security and privacy protections, and how to prepare your child for an AI-powered future.

## What exactly is AI? Generative AI?

**Artificial intelligence, or AI**, is a computer system taught to mimic natural intelligence to help us understand and recommend information. AI helps power tools like Google Search and YouTube to suggest relevant content when you search, and it's used within Google infrastructure to help keep data safer.

**Generative AI, or gen AI**, is a type of AI that focuses on creating new content, such as text, images, music, and code – all by typing in a simple prompt. [Gemini](#) is Google's gen AI product.



## Why is AI being integrated into teaching and learning in schools?

AI unlocks the potential to tailor instruction to meet the growing ways students learn. In education, AI can be used to do helpful things like make learning experiences more personal, provide immediate feedback, improve accessibility, enhance digital security, give educators precious time back and so much more. AI is important to education because it is a technology that students need to know how to navigate and leverage.



**Most teens and parents expect that gen AI skills will be an important part of their future.”**





Stephen Balkam, Founder and CEO, [FOSI](#)

[Google Keyword blog](#)

## How does Google help keep your child’s data private and secure?

It’s critical for students and teachers to be safe when learning online. We make sure that all of our tools **protect personal information while keeping schools in control of their data.**

### Keeping school communities safer with Google for Education

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**Secure by default + private by design**  
 Privacy and security [protections](#) are built into the very foundation of Google for Education. Rigorous testing and 24/7 monitoring helps keep your child’s data secure. We protect your privacy across our products. We strictly uphold responsible data practices and help protect your child’s information. We do not build student profiles, and Workspace Core Services do not have ads.
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**Built-in AI protections**  
 When it comes to AI, Google provides genAI tools that are built to be safe, and uses AI-powered protections that help keep students safer online. No Google Workspace for Education data is used to train our AI models.
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**Schools are in control**  
 Admins control school data with tools that protect against security breaches. We aim to be transparent about how our products work, and provide easy-to-apply privacy and security settings to manage when and where data can be accessed.
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**Trustworthy content and information**  
 Google blocks student access to inappropriate content, and we provide [resources](#) like digital literacy lesson plans, activities, digital wellbeing family guides, and more.

## Here are some important things to remember about your child’s security and privacy protections with Google:

#### School-issued Google accounts (created by schools for students & staff)

- Accounts are governed by the Workspace for Education Terms of Service and Privacy Policy
- School administrators can enable and disable individual services, including other Google services that aren't part of Workspace (Search, Maps & Play)
- There is no advertising in Google Workspace services
- Gemini - the AI-powered assistant from Google - is currently disabled for users under 18 years of age.

#### Personal Google accounts (created by users and/or parents)

- Accounts are governed by Google's Consumer Terms of Service and Privacy Policy
- There is advertising in Google Workspace services, and users can choose to enable personalized advertising
- You can monitor your child’s personal account using [Family Link](#) to set screen time limits, manage privacy settings, and more.

### Where can I learn more and access additional resources?

- [Guide to AI in Education](#)
- [5 must-knows about genAI](#)
- [Building responsible AI](#)
- [Google AI for Education](#)
- [Teach AI guidance toolkit](#)
- [Google gen AI data protections](#)

## Google's approach to AI in schools

We believe AI is going to help learners, educators, and school communities unlock potential in ways we can't even imagine yet. **As AI evolves, we're committed to incorporating AI into education responsibly.** This means that we're both building genAI experiences from the ground up for educators and students, and we carefully evaluate how and when to bring the best of Google's AI technology to education. We also ensure that our AI-powered tools for education meet the same rigorous standards applied to all Google Workspace for Education tools.



### Developing AI responsibly

Guided by Google's [AI principles](#), our AI technology aims to empower, assist, and inspire educators – never to replace them.



### Keeping teachers in the loop

Our genAI tools for education are built with input from educators. For example, the AI track of our pilot program lets teachers test and provide feedback on new AI-powered features.

## How is AI in Google for Education helping students and teachers?

AI works behind the scenes to provide tailored support to students, complementing the teacher's role to transform the way students learn and teachers teach.

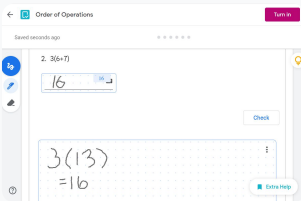
### Students

Imagine a learning environment uniquely tailored to your child's needs, so **class is more engaging, interactive, and accessible** for them.

#### More personal learning

With the AI-powered tool, [practice sets](#) in Google Classroom, students can:

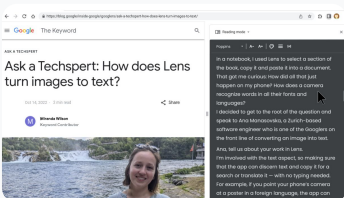
- Learn at their own pace
- Get real-time feedback
- Get in-the-moment hints when they're stuck



#### Deeper accessibility

AI-powered features enable [inclusive learning](#) by assisting students with:

- Display and vision
- Motor and dexterity
- Cognitive and spoken feedback
- Audio and captions



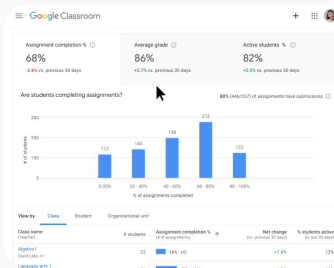
### Teachers

As students recover from major learning losses since 2020, AI-powered tools let educators gain key insights into student progress. These tools **help educators see where students need help and intervene faster.**

#### Elevate the educator

AI-powered Google for Education tools empower teachers to:

- Get faster insights into where students are struggling
- Provide more individual support for each student
- Create learning experiences tailored to students' needs and interests



Learn more in Google's [Guide to AI in Education](#)

## Google’s approach to AI at home

Outside of school, parents and guardians are in charge of their children’s screen time and access to technology – and that now includes generative AI. Here are some ways we think about building our products to help protect, respect, and empower kids and families at home.



### PROTECT

We collaborate with child safety and development experts to design age-appropriate content safety policies, including the models powering Gemini. We also provide tools to validate information and provide documentation on data use for transparency.



### RESPECT

We provide educational materials tailored to teens that help teach foundational AI concepts. These educational resources are based on research and are created in partnership with experts.



### EMPOWER

Teens have a unique onboarding experience for Gemini to help educate them on AI’s capabilities and limitations. Gemini also provides teen-friendly prompts to help under-18 users get started with age-appropriate queries.

## Tips to help your family get the most out of AI, responsibly

### #1 Remember AI is technology, not human.

AI is a machine learning model. It can’t think for itself, or feel emotions – it’s just great at picking up patterns, known as training. Since AI is not a human, it can’t and shouldn’t make decisions for you or replace important people in your life

### #2 Let AI empower, not replace, your talents.

AI can help you kickstart the creative process, but it’s not there to do the work for you – that’s your role as the creator. For example, you might use AI to help brainstorm three different endings for your short story before writing it yourself.

### #3 Critically evaluate responses.

Since generative AI is a work in progress, it can make mistakes – and may even make things up, something known as hallucination. Always check information that’s presented as fact. When in doubt, double-check it with Google Search.

### #4 Don’t fall for fraud.

Like every useful technology, there may be people who try to take advantage of AI to deceive or defraud others. For example, they may generate misinformation or fake media, like photos and videos that seem real. Look at the content’s sources and consider the publisher’s intent – if something seems unusual, take caution.

### #5 Keep private information private.

Never enter personally identifiable information, such as your social security number, into generative AI systems. Generative AI products are a work in progress – data like your conversations, feedback, and ratings are used to improve the models that power the product. When in doubt, consider whether you would share this information publicly.

## Where can I learn more about AI for kids at home?

[Training: AI in daily life](#)

[Course: Digital Citizenship](#)

[Guardian’s Guide to Privacy and Security](#)

[Google Families](#)

[Be Internet Awesome](#)

[Gemini Help Center](#)