



Google for Education

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Consolidating your tech stack reduces cost, improves security, and saves faculty and staff time

Google Workspace for Education

Gemini

Google Cloud

Experience:

Collaboration and productivity



Docs



Slides



Sheets



Forms



Sites



Vids Assignments



Calendar



Drive



Meet



Gmail



Chat



Classroom



Groups



Google NotebookLM



Gemini



Workspace Studio

Workspace LTI™

Google Career Certificates

Insights:

Analytics and management



Admin



Data Studio



BigQuery



AppSheet



Colab



Vertex AI



Google AI
for Developers

Foundation:

Secure infrastructure and platform



Google Workspace for Education
built-in security
protections



Admin console



Google Threat
Intelligence



Google Security Operations Platform



Cloud Security Command Center



Mandiant

FedRAMP

HIPAA

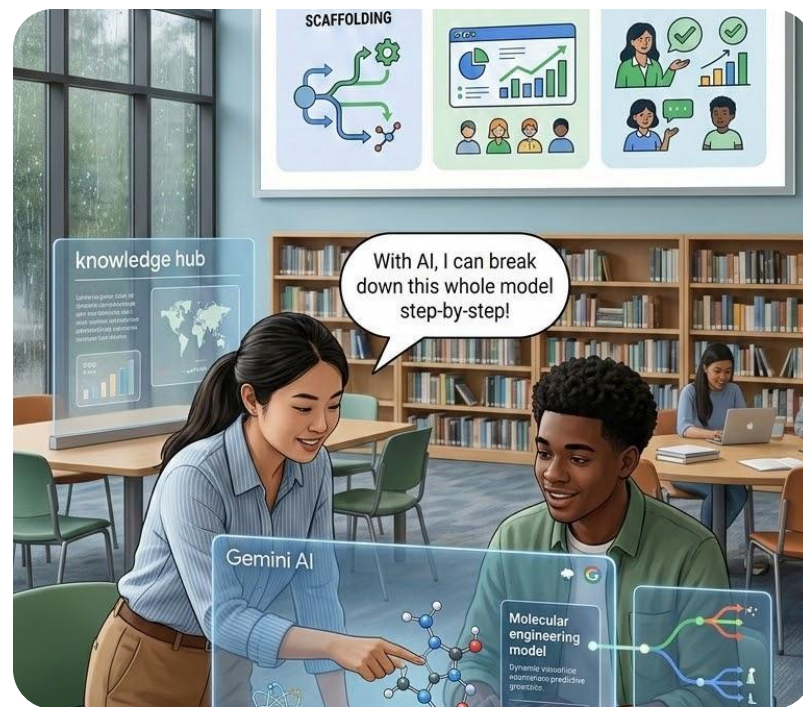
GDPR

← Explore priorities

Google for Education

The Promise of AI in Education

- High Personalization
- Accessible and Equitable Learning
- Real-time Data Insights
- Empowering Educators
- Administrative Efficiency



The Digital Attention Erosion



A landmark study by Dr. Gloria Mark at UC Irvine tracking digital behaviors found that the average attention span on a single screen dropped from 2.5 minutes in 2004 to **just 47 seconds**.

Source: UC Irvine Study (Dr. Gloria Mark)

The Noise

"Students simply can't concentrate anymore."

We treat this as a moral failure, a generational flaw, or a behavioral problem requiring discipline.

This is a Systemic Problem

- Technological identity - FOMO
- Environmental pressure
- Cognitive load
- Institutional misalignment between how attention functions today and how learning is structured.

The AI Learning Trap: Short vs Long-Term Impact

The Illusion of Productivity

While AI provides immediate homework and time-saving boosts, it causes deep long-term knowledge erosion.

+18%

Homework Scores (Immediate Gain)

-30%

Completion Time (Immediate Gain)

-20%

Closed-Book Exams (Within 6 Months)

-24%

Entrance Exams (After 2 Years)

Workplace Skill Erosion (46%)

Gen Z workers report that reliance on AI tools is already actively weakening their foundational professional skill sets.

Strömberg, D., Lei, V., & Wu, Y. (2026). *The generative AI learning penalty: Evidence from Chinese secondary education* (CEPR Discussion Paper No. DP21577). Centre for Economic Policy Research

When Machines Think

We no longer only worry about students copying answers;
they are outsourcing thought itself.

**Students increasingly choose convenience over
intellectual growth.**



The 4 Domains of AI Literacy

A sequential pathway for learners to move from passive users to ethical shapers - The OECD Framework

01 **ENGAGE: Become a Participant**

Learn to identify AI in daily life and **critically evaluate** its outputs for accuracy and bias.

02 **CREATE: Empower Human Agency**

Use AI as a creative partner to **design solutions** while maintaining ownership.



03 **MANAGE: Delegate Work Intentionally**

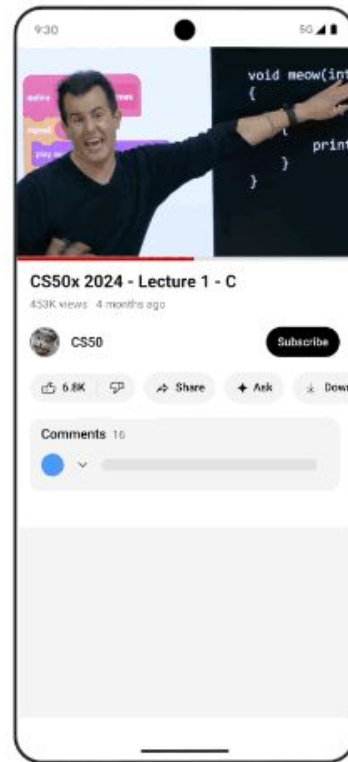
Decide when to automate tasks and when human judgement, empathy, and expertise are essential.

04 **SHAPE: Design for Societal Benefit**

Apply technical understanding to improve AI systems so they **reflect human values and the common good**.

LearnLM

YouTube: Ask about this video



Foundational models struggle with “pedagogical” instructions

Doesn't **adapt** to student needs.

Gives students **answers** when asked and **strays** from learning topic.

Lacks ability to **assess** student.

You are a tutor for a 13 year old student.
Teach the student the following material without providing direct answers. Keep the student on topic.
When the student has learned this topic, move on.

Doesn't **proactively** lead student down learning journey.

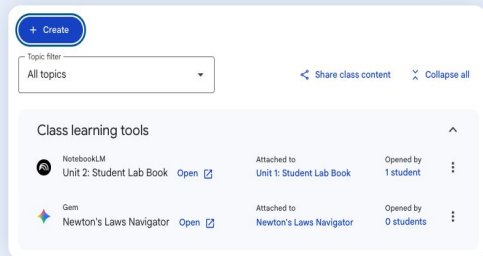
Answers mostly in textual format

Not Aligned to curriculum and learning material.

The next chapter of teacher-led AI tools

Three principles guiding teacher-led AI activities

Led by teachers



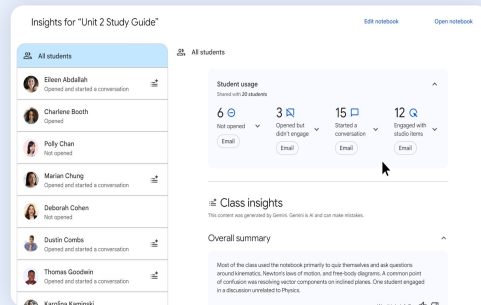
Extend your teaching goals with tools built to personalize and scale learning.

Rooted in curriculum

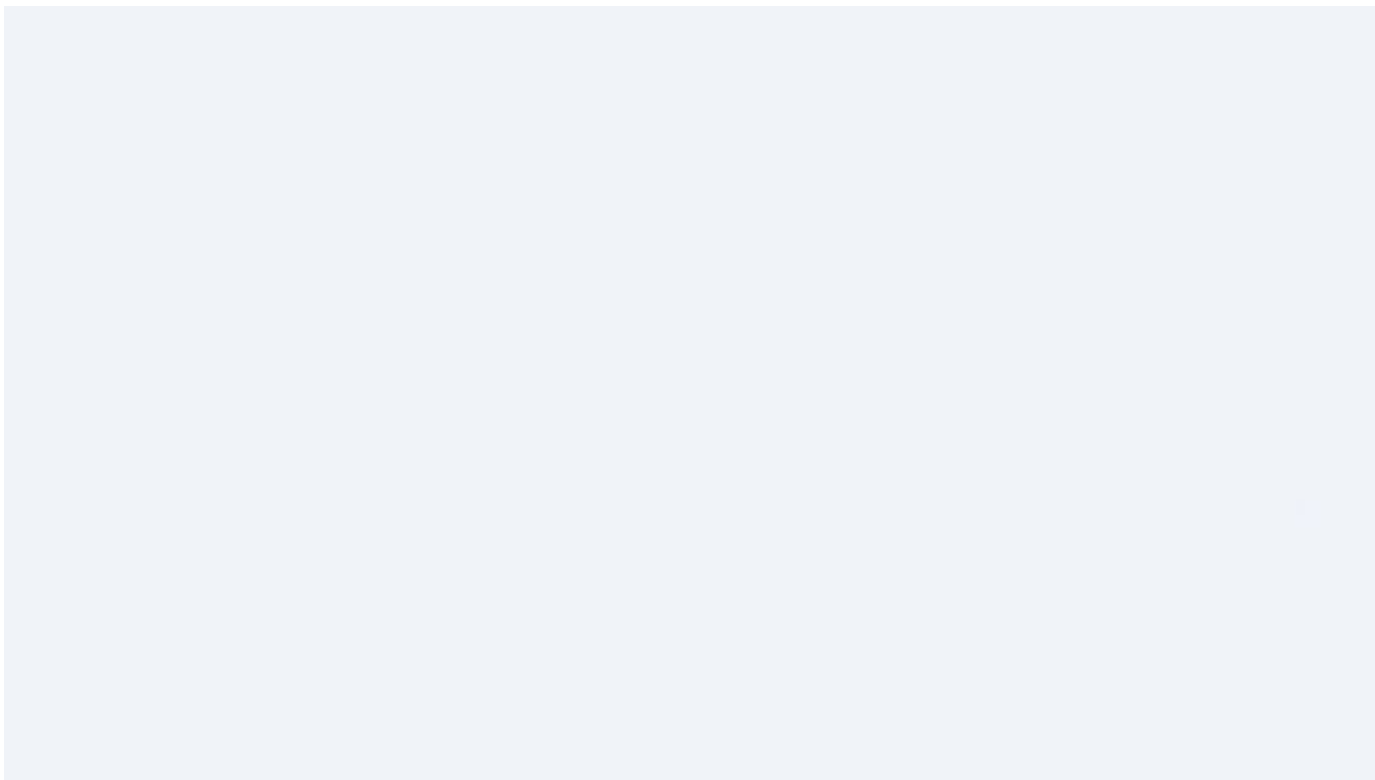
- ▶ Classwork with no topic
- ▼ Unit 1: Coming of age
 - ✓ Introduction to themes
2 attachments
 - ✓ Coming of age reading material
1 attachment
 - ✓ Reflective Essay Instructions
2 attachments
- ▶ Unit 2: Catcher in the Rye
- ▶ Unit 3: Of Mice and Men

Anchor every tool to your class materials.

Actionable insights



Gain clear, consistent insights into student and class interactions with every AI activity.



Learning Science Principles Evaluated



Inspire Active Learning

Help the learner acquire and organize knowledge



Manage Cognitive Load

Present relevant, well-structured information



Deepen Metacognition

Plan, monitor, and help learner reflect on progress



Stimulate Curiosity

Inspire engagement through learning journey



Adapt to Learner

Dynamically adjust to learners' goals & needs



Integrate three teacher-led AI tools **directly** into Classroom to scale personalized learning

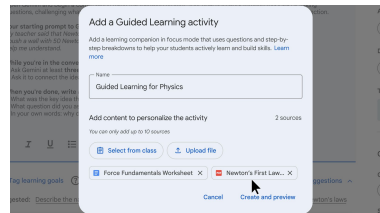


Google Workspace for Education (all editions)



Available globally

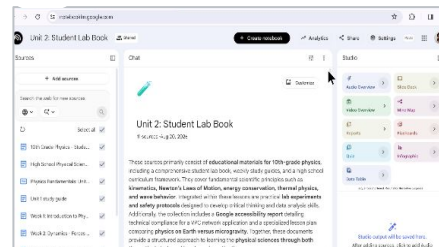
Creating teacher-led AI experiences



Guided Learning in Gemini



Study notebooks in Gemini



Google NotebookLM

[Learn more](#)



Help students learn and study more effectively with **study notebooks in Gemini**

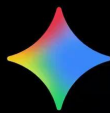


Google Workspace for Education (all editions)



Will be available globally

Coming soon*



* Available now to students and educators on their personal accounts (on desktop only). Will soon be available globally on school-issued accounts.

[Learn more](#)

Classroom

classroom.google.com

Assignment

Not saved [Save as draft](#) [Schedule](#) [Assign](#)

Title*

*Required

Instructions (optional)

B *I* U

[Tag learning goals](#)

Attach

[+ Create](#) [Drive](#) [YouTube](#) [Practice sets](#) [Read Along](#) [Upload](#)

[Add link](#) [NotebookLM](#) [Guided Learning](#) [Record](#)

Assignment settings

For

[Current class](#)

Assign to

[All students](#)

Due date

[Add due date](#)

Topic

No topic

[Create topic](#)

Grading

Grading category

[Set category](#)

Grading period

[Set grading period](#)

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Questions?