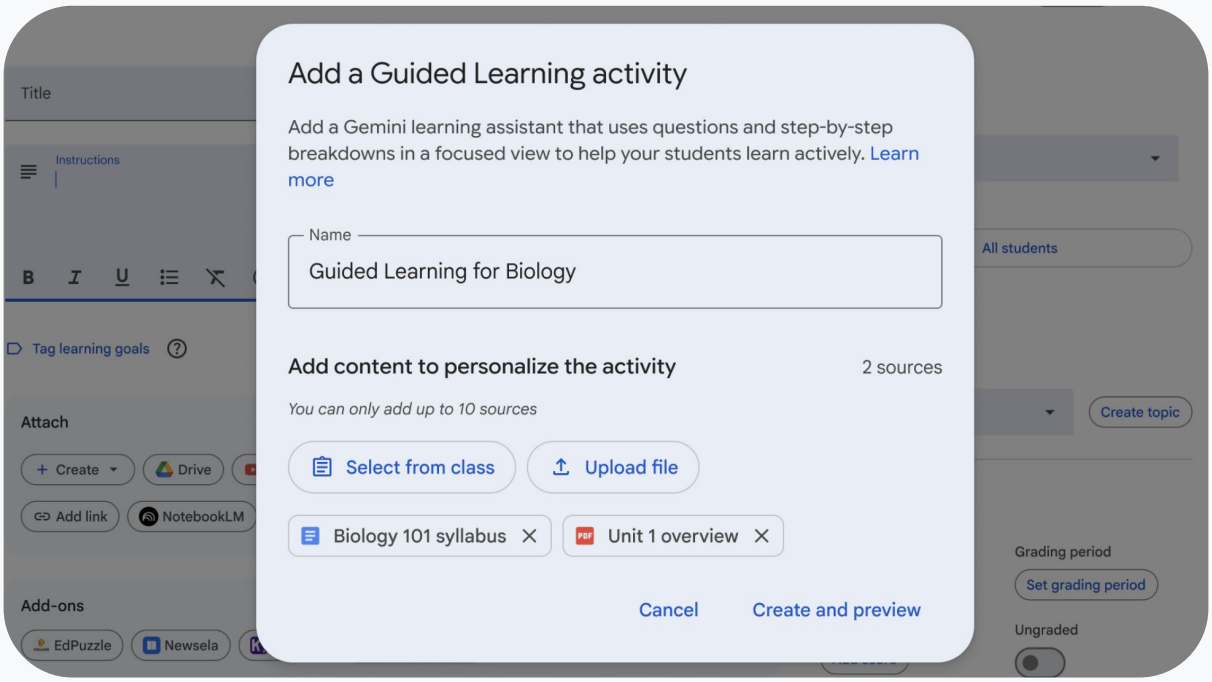
Guided Learning in Classroom

Guided Learning in Google Classroom* is a tool purpose-built for learning that enables teachers to create AI learning experiences informed by class content where students explore and practice concepts, while giving educators visibility and control.



* Coming soon to Google Classroom.

Provide conversational, scaffolded support that promotes active student learning and deeper understanding

What it is

Curriculum-aligned scaffolding: Select your Classroom materials to provide step-by-step support tailored to your lesson content, without giving away direct answers.

Focused view: When students open Guided Learning in Classroom, side navigation is automatically hidden, new chats are disabled, and they remain in Guided Learning mode. Students cannot edit the source materials that their teachers set up to inform the activity.

Real-time actionable insights: Track student progress through class dashboards, engagement trends, and individual chat transcripts to easily spot and address misconceptions.

How it supports educators

Frees up instructional time: The tool can field routine assignment questions during independent practice, allowing you to focus on students who need one-on-one support.

Fosters productive struggle: Encourage students to think critically and solve multi-step problems rather than relying on quick answers.

Differentiates learning at scale: Provide tailored support to students working at different paces and level of understanding.

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Grounded in educational research and built for proven impact

Guided Learning combines advanced AI models with proven pedagogical research to spark student curiosity and deepen academic achievement.

Grounded in LearnLM research

Guided Learning is built from years of research and work in our LearnLM efforts to be pedagogically-grounded and specifically tuned to prioritize building understanding over providing direct answers.

- **Promote active learning:**
  The model prompts students to share their thinking and respond meaningfully, building confidence through effort to drive cognitive engagement and productive struggle.
- **Provide scaffolded support:**
  Rather than passively serving answers, the assistant offers guided feedback, using questioning techniques and breaking complex tasks into manageable subquestions for graduated hinting and targeted support.
- **Stimulate curiosity:**
  Drive student agency, interest, and inquiry, keeping students actively thinking and exploring through self-directed learning and real-world connections.
- **Rigorous validation through randomized controlled trials (RCTs):**
  We continuously run RCTs and publish technical research to measure, evaluate, and refine how Guided Learning improves student learning outcomes.

Guided Learning is proven to improve learning outcomes while sparking student engagement

1.7

years of typical learning progress in low-and-middle income countries (+0.26 standard deviations) achieved by students using Guided Learning for 8 weeks.

97%

of student messages stayed on task, as students used Guided Learning to build understanding, not seek answers.

> "Most of our kids normally say mathematics is difficult. But with the introduction of Gemini, most students now love math because the app is teaching them step-by- step."

Source: Measuring the impact of AI on teaching and learning, Google efficacy study, May 2026.

6 ways to bring Guided Learning into your daily instruction

Adapt Guided Learning across subjects and lesson structures to foster productive struggle, build student confidence, and inform future teaching.

1

Scaffold problem solving in STEM

Provide Guided Learning alongside multi-step problems in math and science. Guided Learning uses inquiry questions to guide students step-by-step without giving away answers, offering graduated hints when they hit speedbumps during practice.

2

Strengthen pre-writing and argumentation

Assign Guided Learning as an interactive sounding board for essays, presentations, and debates. Students can test hypotheses, refine thesis statements, and organize outlines to refine their ideas before writing.

3

Deepen inquiry and conceptual extensions

Use Guided Learning for open-ended exploration and extension tasks. Students develop their understanding of core concepts at their own pace and make meaningful cross-curricular connections.

4

Structure breakout activities and active learning

Incorporate Guided Learning into an "I do, we do, you do" lesson model. During individual or group breakouts, assign a complex problem with conversational support attached, then review live insights to guide class discussions.

5

Extend support beyond the classroom

Offer Guided Learning as an on-demand tutoring assistant during homework and remote study, ensuring flexible, scaffolded help outside of standard class time.

6

Support exit tickets and inform future instruction

Run quick end-of-class reflection activities. Review individual student responses and aggregated assignment class insights to spot misconceptions and design targeted instruction for the next day.

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