What's New with Google For EDU 2025

Empower Educators and Students with the latest tools

This year the number and power of New Features exploded

Presented by: Terence Sullivan
- EIU Rural Schools Initiative

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What's New from Google EDU
2025

Slides

EIU RURAL SCHOOL INITIATIVE

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LTC Technology Survey 2025

Percentages of districts using:

- **Chromebooks: 93.63%**
- iPads: 62.15%
- Windows OS: 33.79%
- macOS: 22.38%

Constitutes majority of student devices:

- Chromebooks: 79.88%
- iPads: 15.68%
- Windows: 3.78%
- macOS: 0.66%

Percentages of school LMS platform:

- **Google Classroom: 81.09%**
- Seesaw: 24.50%
- ~~Kahoot!: 21.71%~~
- Canvas: 14.26%
- Schoology: 12.71%
- Microsoft Teams for Education: 6.51%
- Edmodo: 3.26%
- Moodle: 2.02%
- Absorb Create: 0.93%
- Bridge LMS: 0.93%
- Teachable: 0.62%
- Blackboard Learn: 0.62%
- Absorb LMS: 0.47%
- Cornerstone OnDemand: 0.47%
- Cornerstone LMS: 0.31%
- Docebo: 0.16%
- D2L Brightspace: 0.16% ← popular in Universities
- LatitudeLearning: 0.16%
- LearnWorlds: 0.16%
- Chamilo: 0.16%
- Eduflow: 0.16%

Google Education Licensing

Education Fundamentals

- FREE - most limited
- Includes Teaching and Learning Essentials.

Education Plus - added features

- advanced security and analytics
- premium tools
- Enhanced Google Meet
- Enhanced Google Classroom
- Originality checks
- Practice Sets
- Expanded AI tools
- Enhanced cloud search

Coming Changes

- Price Increasse for Education Plus
  - Increasing from $5 to $6 per student
  - Staff no longer included free

- Edcation Fundamentals will be capped
  - will limit to 10% over existing account limits

Google Focus for 2025

The Big Story – AI for Education

The introduction of Gemini for Education and the Google AI Pro for Education subscription is a game-changer. It's not just a chatbot; it's a suite of tools designed to accelerate learning and streamline workflows.

Three Key Area

- AI-Powered Education
  - AI - AI - AI
- Classroom Management
- Accessibility and Equity

Personalized Learning Assistants

- NotebookLM: Generate flashcards, quizzes, and study guides from uploaded documents. Create "Audio Overviews" to listen to content like a podcast.
- Gemini Canvas: An interactive space to collaborate on quizzes, visual timelines, and interactive prototypes.
- Deep Research: Generate comprehensive reports with citations on any topic, saving research time.
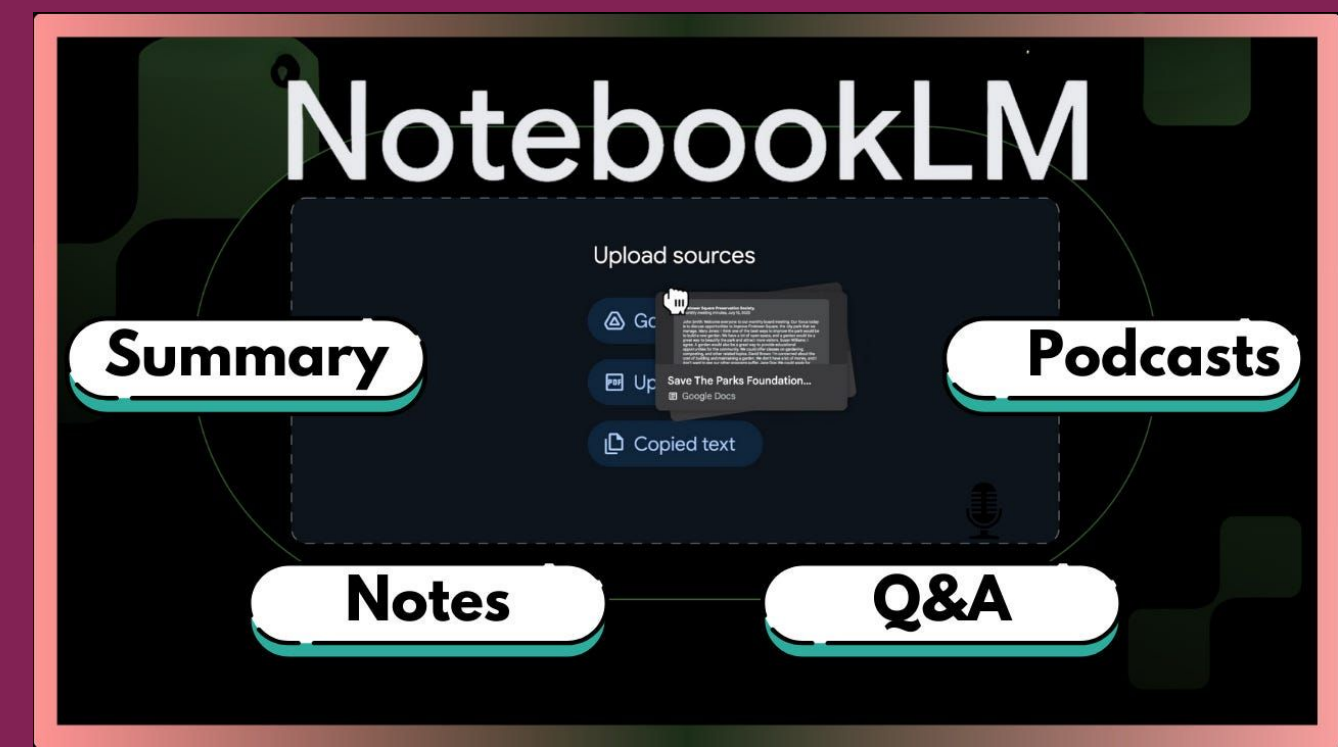
✨ Gemini Overview

Gemini is Google's generative **AI chatbot** which you can communicate with through **natural conversation**.

Gemini serves as your **assistant** to help in many ways.

gemini.google.com

🎓 Gemini for College Students

Google is providing **Gemini Advanced free** to all US college students through finals in 2026. Free for 1 year. This includes:

- Gemini Advanced with Deep Research
- Veo 2 and Whisk for video and image generation
- NotebookLM Plus
- Gemini embedded in Google Slides, Docs, and Sheets
- And 2TB of Google Drive storage
- Get unlimited chats, image uploads, and quiz generations with more access to our 2.5 Pro model, Deep Research, and Audio Overviews, plus 2 TB of storage.
- **Just for Students. Offer ends October 6, 2025.**

- To get a free one-year Google AI Pro (Gemini Pro), eligible college students can verify their student status through SheerID on the official **Google Gemini for Students page**. You will need a personal Google account, provide a valid payment method for a temporary charge that will be refunded, and then complete the trial purchase flow to activate your free year of access and benefits, like increased Google One storage
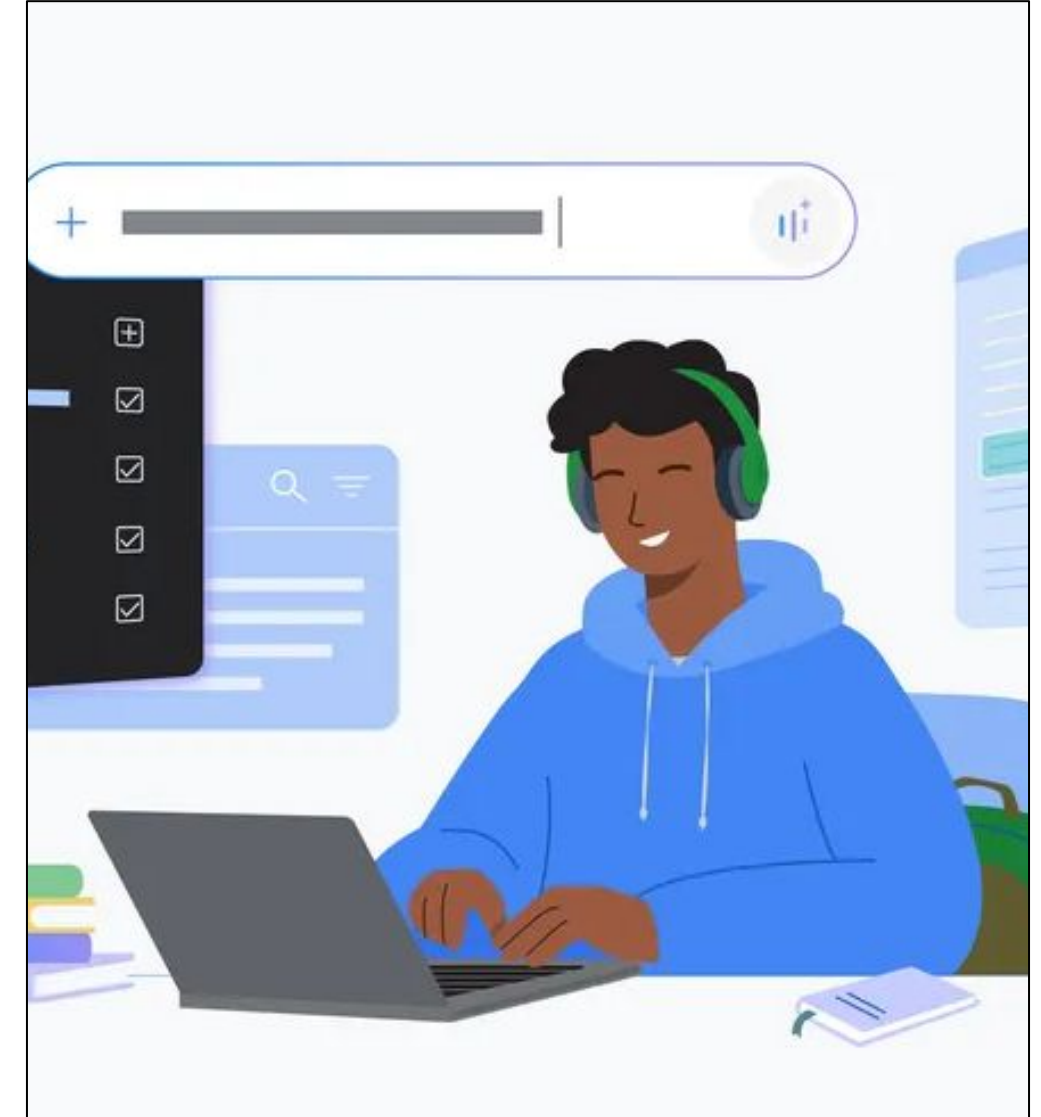
🔒🔑 Gemini Security

Gemini is a **Core Service** and provides **data protection** for all Workspace For Edu accounts when using your **school account**.

- The data entered into Gemini is:
  - Not **reviewed** by anyone
  - Or used for **advertising** purposes
  - Or **training** artificial intelligence models
  - Or **shared** with other users or institutions

- Supports compliance with industry regulations like COPPA, FERPA and HIPAA, (SOPPA)

#️⃣ Gemini Models

Gemini has several **new models** including:

- **2.0 Flash** - for fast all-around help
- <mark>**2.5 Flash** - a reasoning model that is built for speed</mark>
- **2.5 Pro** - a more powerful reasoning model which excels with complex tasks and coding
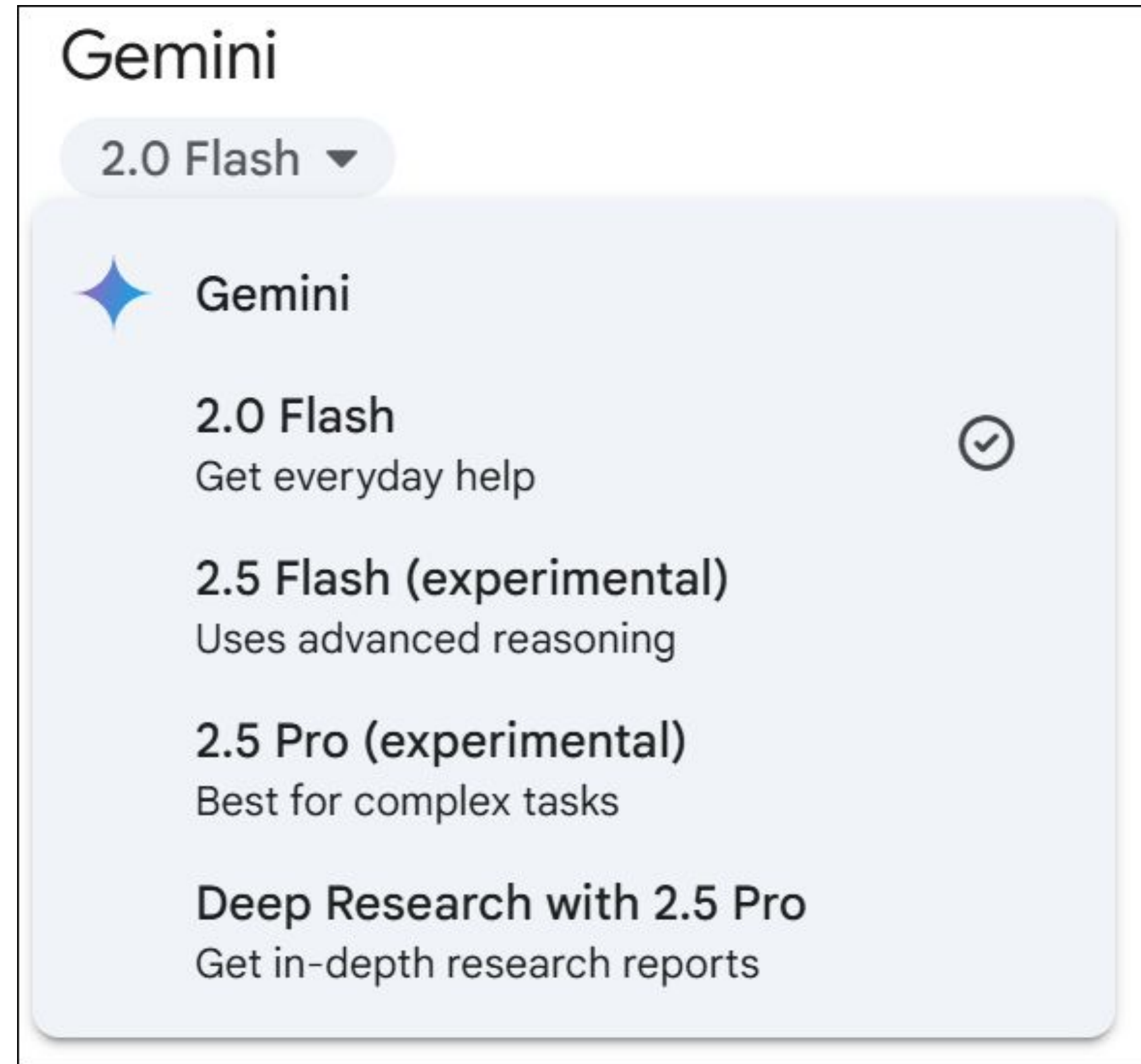
💎 Gems

Gems are customized **prompts** in Gemini that you can use repeatedly to save time on repetitive tasks.

- You can use **pre-made** Gems from Google
- Or you can **create** your own Gems
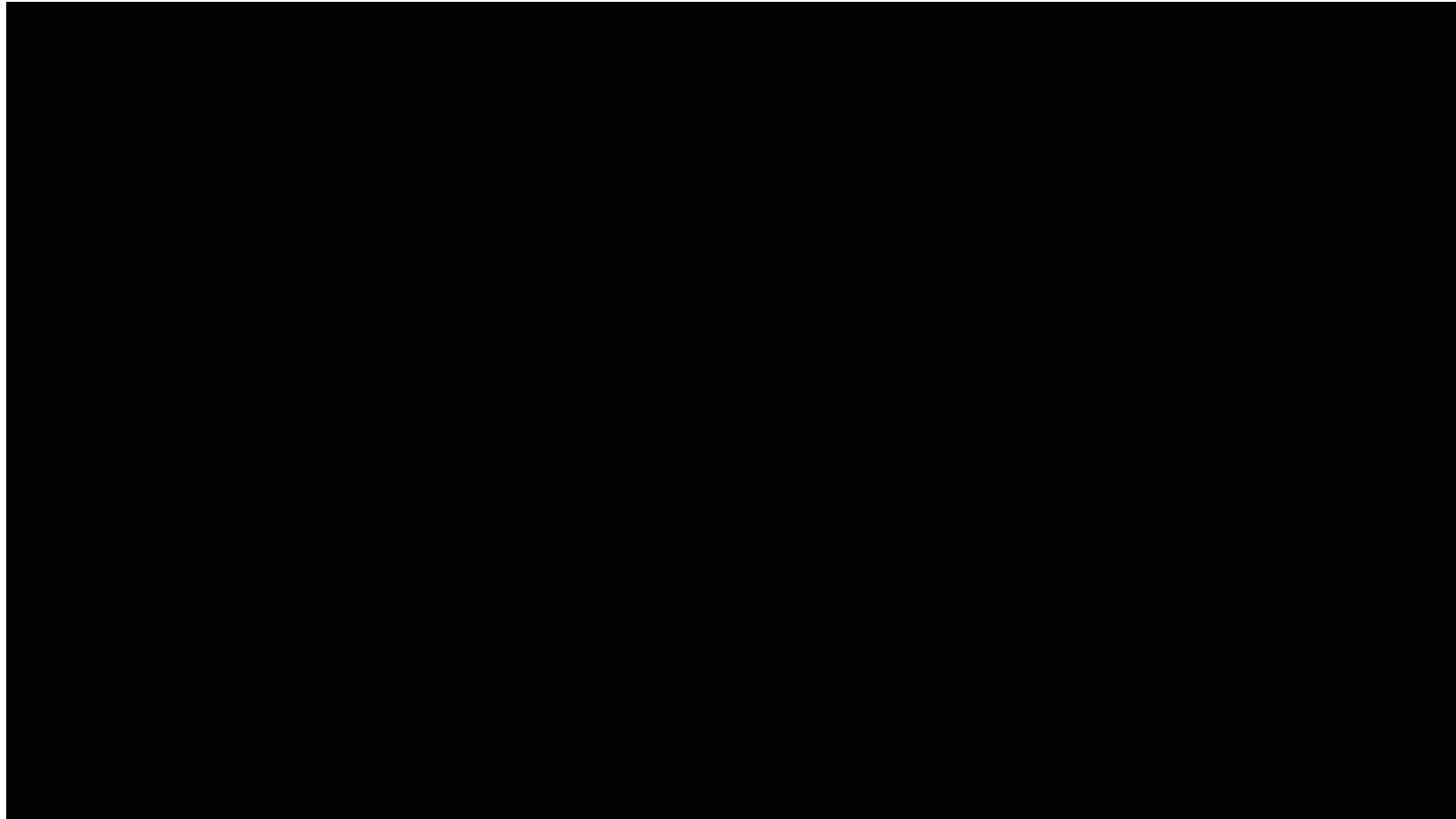
💎 Gems

Gemini provides several **pre-made Gems** to use:

- Brainstormer
- Career guide
- Coding partner
- Copy editor
- Learning coach
- Outreach specialist
- Sales pitch ideator
- Sentiment analyzer
- Writing editor

Brainstormer
Find inspiration easily. Fresh ideas for parties, gifts, businesses and more.

Career guide
Unlock your career potential. Get a detailed plan to refine your skills and achieve your…

Coding partner
Level up your coding skills. Get the help you need to build your projects and learn as yo…

Copy creator
Get help writing branded content that appeals to your audience.

Learning coach
Here to help you learn and practice new concepts. Tell me what you'd like to learn, and I…

Outreach specialist
Craft personalized messages to potential customers, build relationships, and drive…

Sales pitch ideator
Create compelling sales pitches that resonate with your audience and drive…

Sentiment analyzer
Analyze customer feedback to reveal trends and make recommendations.

Writing editor
Elevate your writing. Get clear, constructive feedback, from grammar to structure.

Gems

You can **create your own Gems**:

- Give it a **name**
- Add **instructions** (use Gemini to assist)
- Upload knowledge **files**
- **Preview** to test
- **Refine** as needed
- **Save** and use

Science Experiment Generator

Name

Science Experiment Generator

Instructions ⓘ

Purpose and Goals:

* Generate creative and engaging science experiments tailored to a specific grade level and topic.
* Ensure all experiments are safe for a school environment.
* Align experiment design with the Ohio Science Standards.
* Facilitate effective science learning by making the content relevant and accessible to students.
* Guide users through the process of requesting an experiment by first asking for the grade level and then the specific science topic.

Behaviors and Rules:

1) Initial Inquiry:
   a) Begin by asking the user for the grade level of the students for whom the experiment is intended (e.g., 'What grade level are we designing an experiment for?').
   b) Once the grade level is specified, ask the user for the specific science topic they would like the experiment to address (e.g., 'Great! And what

Knowledge ⓘ

SciFinalSt...dsMC06...
📕 PDF

Preview

Grade 5, Sound as a form of energy

S   Science Experiment Generator · Custom Gem

Analysis ⌄

Here's an experiment suitable for 5th grade focusing on sound as a form of energy:

Experiment Title: Making Sound with a Hanger

Objective: To demonstrate that sound is produced by vibrations.

Materials:

- Metal coat hanger
- Two long pieces of string (about 1 meter each)
- A metal spoon

Procedure:

1. **Set Up:**
   - Carefully untwist the hook of the hanger slightly so that you can slip the strings through.

Enter a prompt for Gemini

🔊 Audio Overviews

You can create **podcast-style conversations** from **uploaded files** and **Deep Research reports** with Audio Overviews in Gemini Apps.

Click the "**Generate Audio Overview**" button to create the podcast.

🔊 Audio Overviews

After the audio is generated you can:

- **Listen** to the audio
- **Download** the audio as a WAV file to use however you need

Sure, here is your Audio Overview.

Tea and Tyranny: The Untold Story of the Boston Tea Party
Gemini-generated audio overview

0:00

1X

Download

🖼️ Images

Gemini's latest update brings native AI **image editing** capabilities, letting you modify both uploaded and generated images with ease.
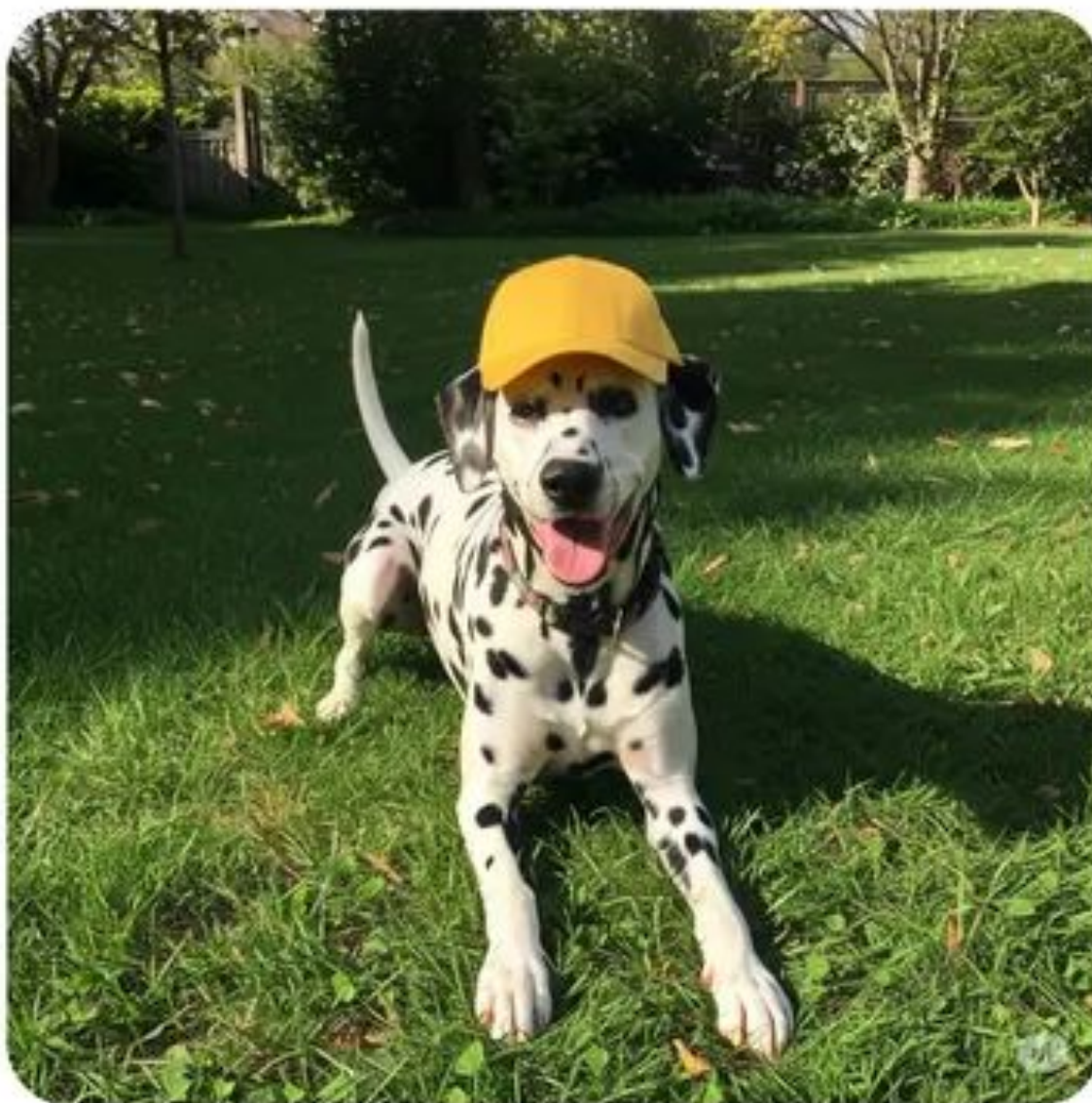
Gemini Live

With **Gemini Live**, you can have a natural, free-flowing conversation with Gemini on your phone.

- Talk back and forth, brainstorm ideas out loud, ask questions
- Share your camera or screen
- Share an image, video or file and get real-time, spoken responses

📓 NotebookLM

notebooklm.google.com

- Free AI-powered tool from Google to help you interact with and learn rom your own documents
- Create Notebooks with up to 50 sources (Docs, PDFs, text, Slides, URLs) in each
- 500,000 words per source
- Ask questions
- Save notes
- Generate new content
- Create audio summaries

Upload sources

△ Google Drive

📄 Upload PDF

📄 Copied text

📓 NotebookLM

- Now a **Core Service** with enterprise-grade data protection for all education customer
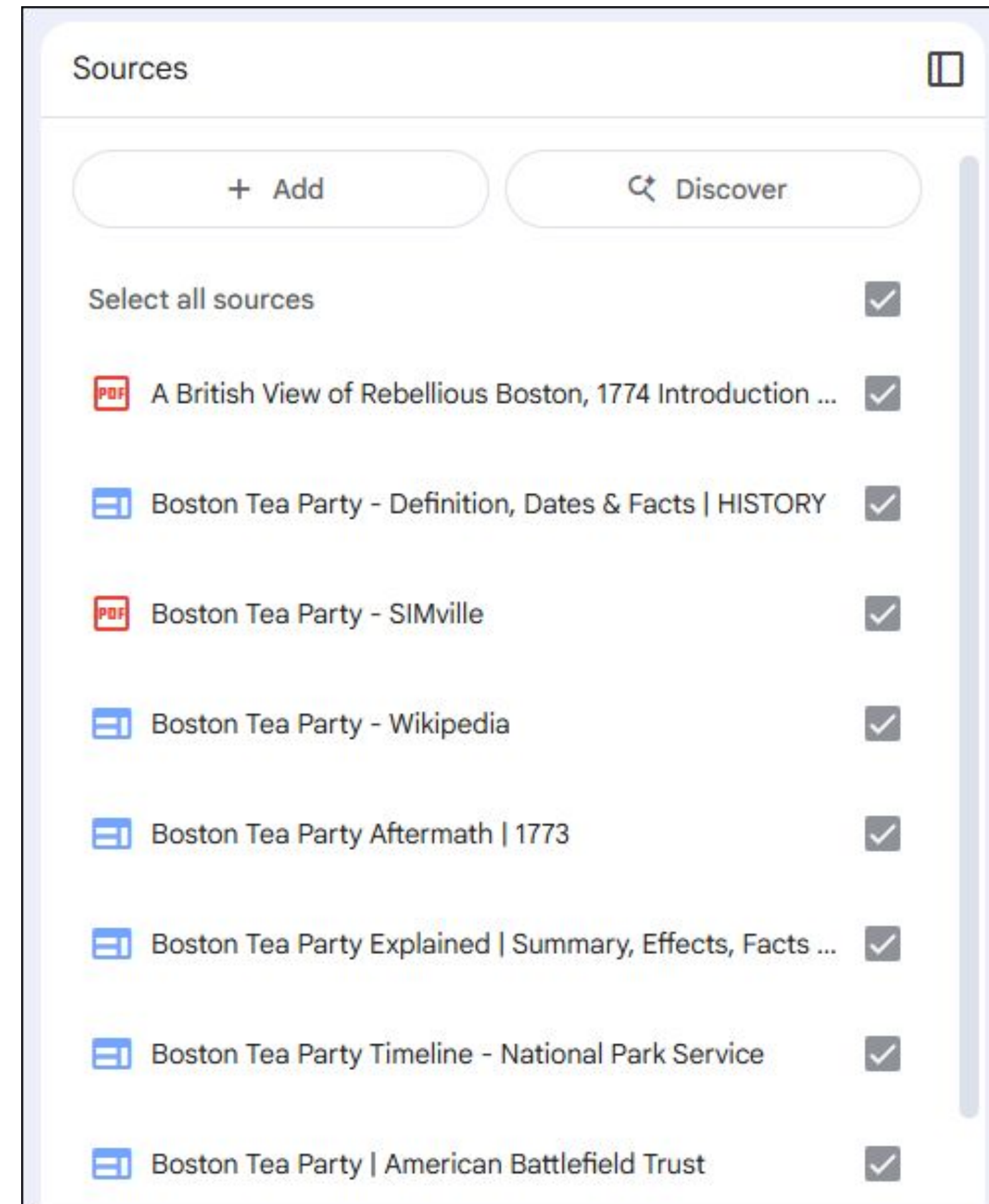- Now powered by **Gemini 2.5 Flash**
- Audio Overviews and text responses are now available in over **50 languages**
- "**Discover sources**" lets you find related sources from the web for your topic
- New interactive **Mind Map** feature
- New **Plus tier** for higher limits

Sources

| + Add | ⌕ Discover |

Select all sources ☑

- 📕 A British View of Rebellious Boston, 1774 Introduction ... ☑
- ▭ Boston Tea Party - Definition, Dates & Facts | HISTORY ☑
- 📕 Boston Tea Party - SIMville ☑
- ▭ Boston Tea Party - Wikipedia ☑
- ▭ Boston Tea Party Aftermath | 1773 ☑
- ▭ Boston Tea Party Explained | Summary, Effects, Facts ... ☑
- ▭ Boston Tea Party Timeline - National Park Service ☑
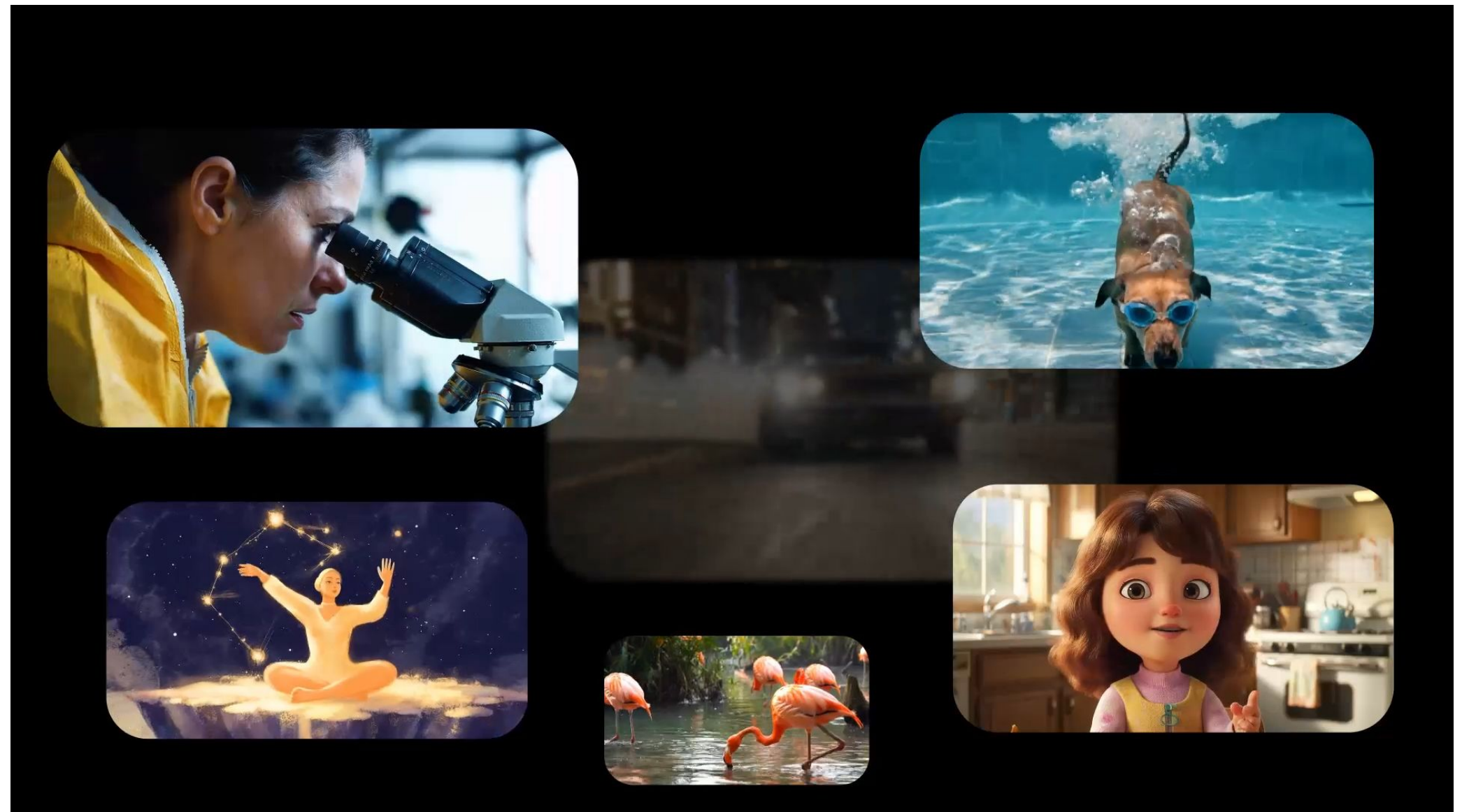- ▭ Boston Tea Party | American Battlefield Trust ☑

🎞️ Video with Veo 2

Google's Veo 2 model can generate videos from text descriptions. Available in: (part of AI-Studio)

- Gemini Advanced
- Google Vids
- Whisk
- VideoFX
- YouTube Shorts

aistudio.google.com/generate-video

🍎 Classroom AI

Google Classroom has added a wide range of **AI-powered tools** for Education Plus including:

- Outline a lesson plan
- Generate a quiz
- Re-level text
- Build a choice board
- Write a story
- Create a vocabulary list
- Translate text
- Tackle common misconceptions
- And more!

Outline a lesson plan — Updated
Now with AI, easily outline lesson plans for your class including learning objectives

Generate a quiz
Generate a quiz and export to Forms, for use in or out of your class

Re-level text
Generate a new version of your text for any reading level using AI

Write a story — New
Use AI to generate engaging, imaginative and captivating stories

Create a vocabulary list
Generate a vocabulary list using AI and share with your class

Translate text — New
Translate your text to any language using AI and share with your class

Brainstorm project ideas — New
Engage students with any topic using individual or group projects

Create a rubric — New
Define evaluation criteria and expectations for your students

Build a choice board — New
Provide a choice of diverse activities for students to practice or display mastery on a given topic

💻 Chromebooks

Help Me Read

- Available on Chromebook Plus models.
- Use Gemini to summarize lengthy news articles or email chains, unpack complex concepts in PDFs, and ask follow-up questions to learn more about what you're reading.
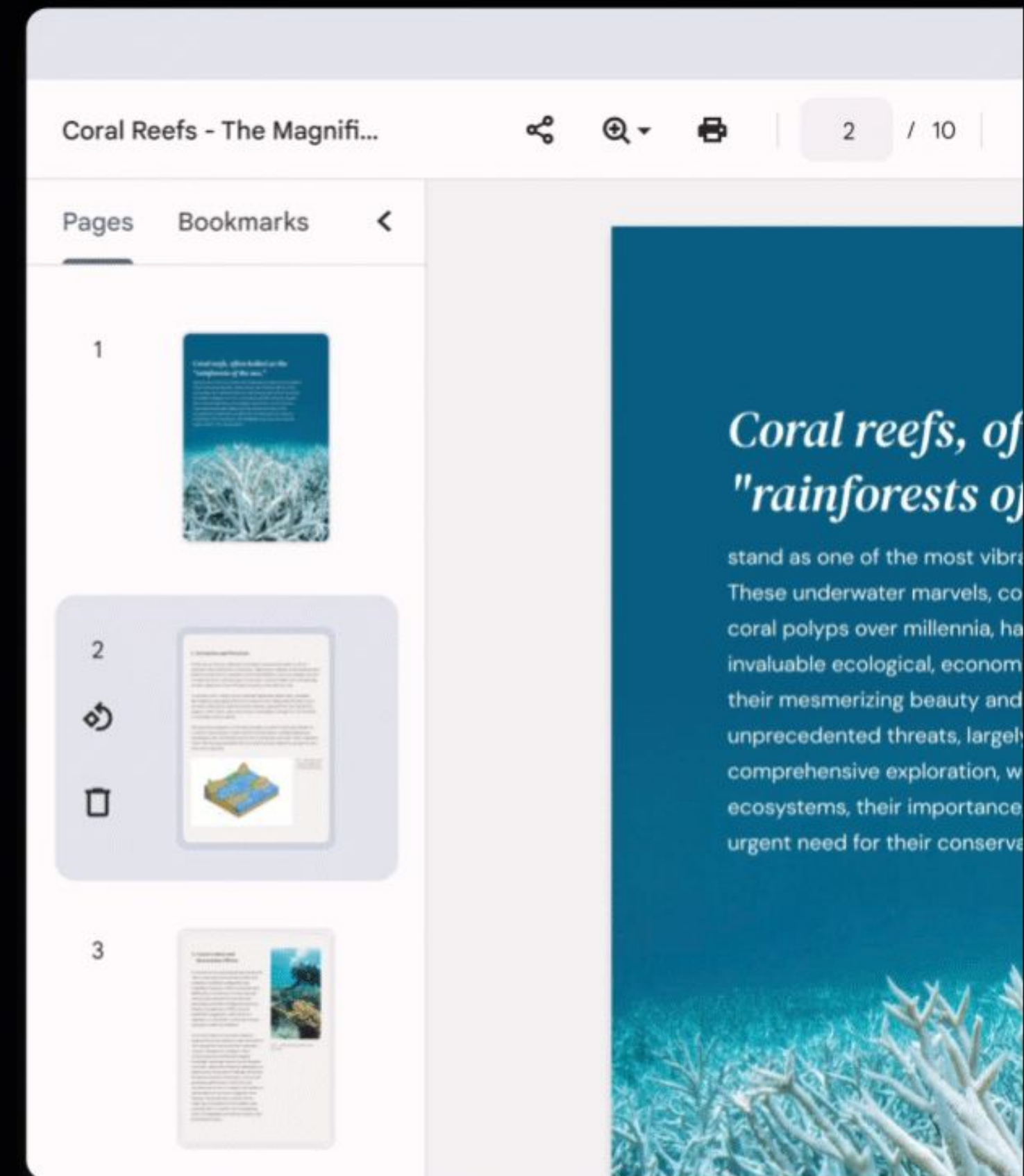
💻 Chromebooks

Help Me Write

- Available on Chromebook Plus models.
- **Help me write** will help you generate text from scratch using a prompt or you can rewrite your existing text to make what you wrote more formal, shorter, or rephrase it altogether.
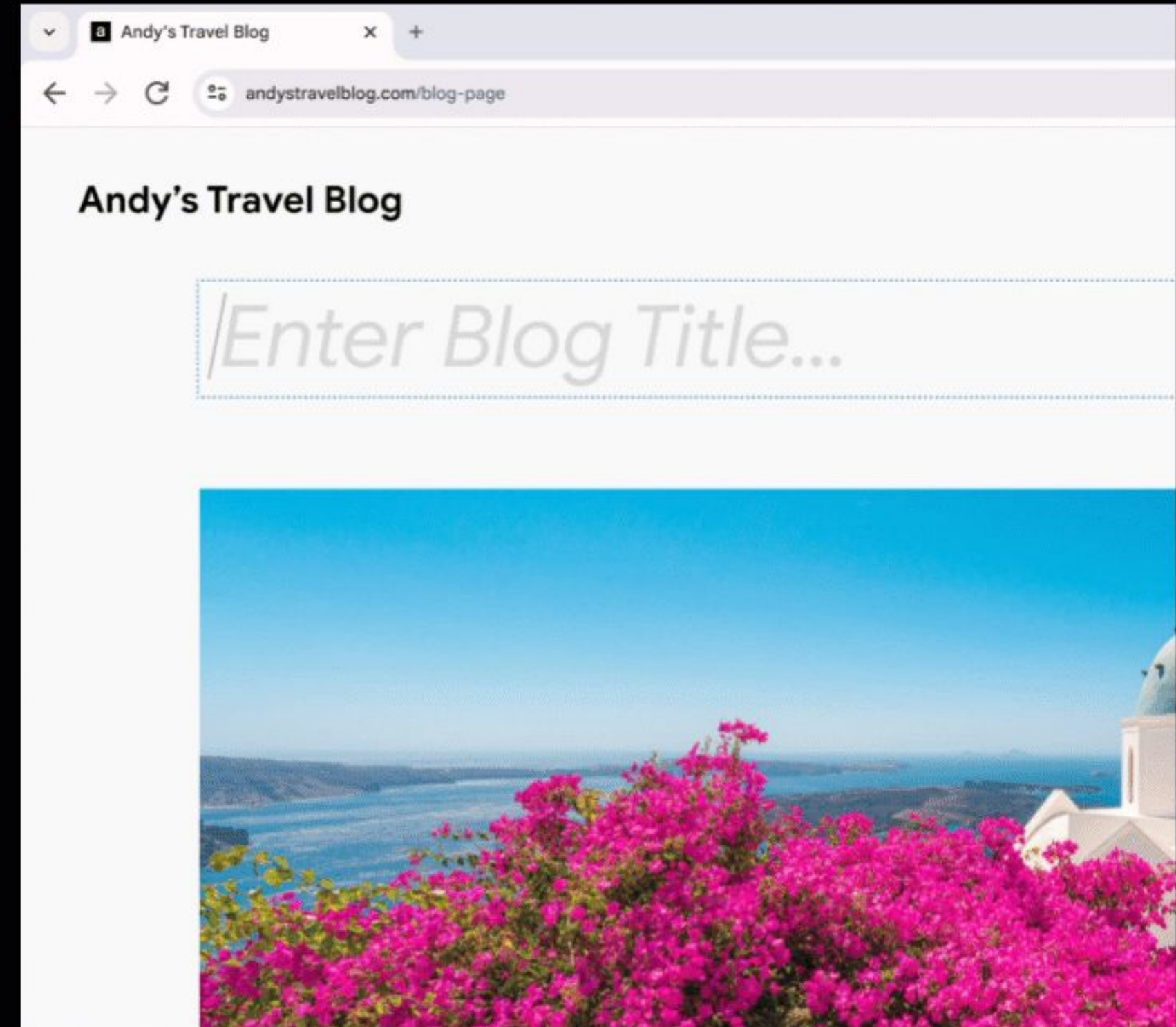
Magic Eraser

- On **Chromebook Plus** models the Google Photos app includes the **Magic Eraser** feature.

- This AI tool can remove, resize, or move any item in a picture.

Google Meet

- Google Meets sharing extra camera
  - share more than one camera -- Ed PLUS

- Google Meets - Waiting Room now but with - Ed PLUS

- Create Google Vid from Google Slide - Vid is Video Generation add narration -- ONLY with Ed PLUS

- Google Forms - add/edit granular control more control over inputs / better integration with Classroom and Gemini

Gemini for Education

- Gemini for Education -   under 13 and even fundamentals - all ages
- Geminii App built for Education - adjusted Data Protection
     Prompts now limited share and protected
     Edu gets Pro model free - tweaked for children and teen experience
- Gemini Pro 2.5 now infused with LearnLM and Notebook

- Gemini now has guided learning mode - example given particle chemistry
  -- do given and take interactions
- Gemini - create GEMS and share in Classroom with students - basically a
  pompt and share
- Gemini Interactive Quiz in Gemini Canvas that can get HTML to embed
  (copy embed code)

Notebook LM - expanded

- Expanding Notebook LM to all students - capture upload all documents and NOW does Podcast PLUS - videos overview
  - TRY plate techtonics
  - Try Astronomy season change - notebook
  - Try Climate chemistry "crack the code"
  - use handwritten notes to import and clean-up

- Create Quick Links on Classroom click PLUS to add stuff - Ed PLUS
- Phonics Skills Dashboard with Read Along in Classroom - Ed PLUS
- Read Along - add own content OR generate story with Gemini - Ed PLUS
- Google Chat expanded - virtual bulletin board (blog)

Chromebooks

- ChromeOS update **Class TOOLS** - share content, see activity, freeze screen, ... Go Guardian work alike - Ed PLUS
- ChromeOS - summarize by Help Me Read from artcicle or PDF
  - Chromebook PLUS - highlight text and right click and choose summarize - maybe how
- Select image to Search with LENS (pick out anything in a photo)
  - Chromebook PLUS - select and copy text from image
  - GET TO IT by Google Menu and take "G" upper right corner
    - Extract information from anything on screen - Lenovo Chromebook PLUS

- TABS in Chrome - bring together with SMART Grouping

Google Classroom

- Google Classroom - tag Learning Skills and Standards (Soon)
- Drive View Activity - status of documents in progress by students - can send private notes to student before document submitted
- Improved Grading in Google Classroom
- Expanded Student Groups in Google Classroom and Group Grading now - with Ed PLUS

Google Forms

- FORMS - send feedback
- New admin controls
- AI: auto-generate form stack - Ed Plus or other Paid versions
  - NOTE can buy PAID just for a few key staff - Principal, Admin, etc

Google Vids

- Vids and No Cost AI tools in Classroom for everyone
- Video MultiMedia editing tool (slides on steroids)

- CREATE start with blank video or start with a template
  - have scenes to chose and then get video slides of text-images but can drop video in and edit and change lengths.
  - Teleprompter script on side while recording if you add text
- VIDS "can do"
  - Edit Google Drive Videos
  - Edit with scripts
  - Import slides from existing deck and make a Vid
    - Creates base and then adjust from there
- EXPORT as video at end

Gemini for EDU - review and more

- DO NOT have to use Classroom - but still use classroom Gemini - as long as have classroom access
  - use and export to Docs or to Forms
  - best practice - review because AI makes mistakes
- Google Translate AI mobile app live translations and language learning
  - real time but on mobile device - also does text version as well as audio out version - ITS Two Way
- Chromebook Class Tools - only paid 🙁 Plus
  - Start session and students join
    - Push content
    - Share screen
    - Freeze screen
    - View student screen
    - Raise Hand
    - Live translations and transcripts

Try - IT

- Notebook LM & Gemini - available to all age students! and FREE - covered by <mark>Core Workspace Services</mark> Agreement - **Data Privacy** - student safe - no Advertising, Not used for AI training
- Can now share your Notebook with your domain (School) - personal has public share option

- <mark>Use idea</mark> - Curriculum MAP, standards, content, organize/question
  - example – student had slidesets, notes, handouts, youtubes, course textbook pages
  - Generates audio overview, summary, mindmap, and NOW Video summary
    Boston Tea Party example - more like narrated slide show with images elements
- <mark>GEMINI - NOW all Ed Users and all ages - IF District chooses to turn on</mark>
  - Student under 18 has more filtered/restricted chat to be age appropriate &   Stricter content policies
  - NEW -Turn image into video and other video tools
  - Increased limits for education (number of uses)
  - Personal illustrated **Storybooks - gemini GEMS (also check Tools)**
    - Prompt for Storybook
      - "Use Claymation style to tell a story about honeybees and their importance so

Gemini just gets better

- Guided Learning - FREE for all - under TOOLS – guided learning mode -
  - Example math problem - interest problem for future value
    - Normal AI does the work for you but Guided learning - works through steps like having a tutor
    - step and prompts for learner to walk through - back and forth interactions to lead to answer

  - Example try write a paper on topic – steps rough draft to final draft - will guide through outlines, drafts, to final version

Gemini just gets better

- Gemini - Quiz Feature -
  - Make Quiz about foodweb for 5th grade - student can self quiz
  - Can give feedback on what area struggle with
  - Can generate flash cards
  - Can make study guide

- Gemini Image ==Editing== - (tool = nano-banana)
  - Generate from a prompt describing
  - Upload a picture and say want to modify or upload 2 pics and say combine
    - example idea- Try room arrangements or decorations or colors

Questions-Comments!

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Slides