

Using Generative AI in the Multilingual Classroom

Rafael Jiménez-Rivera and Janet Granados

CPS Dual Language Conference 2026

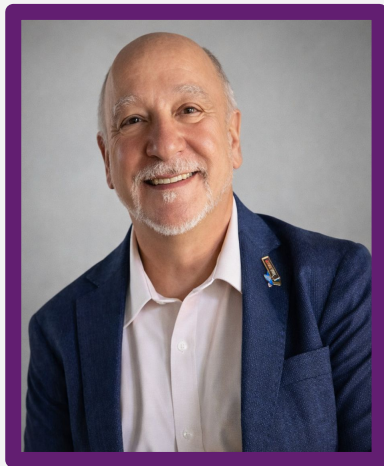
Slide Deck



Chicago
Public
Schools

MULTILINGUAL-
MULTICULTURAL
EDUCATION

OMME Presenters



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Human Bar Graph: Can AI do this?



Disagree

**Somewhat
disagree**

It depends

**Somewhat
agree**

Agree



What is AI?

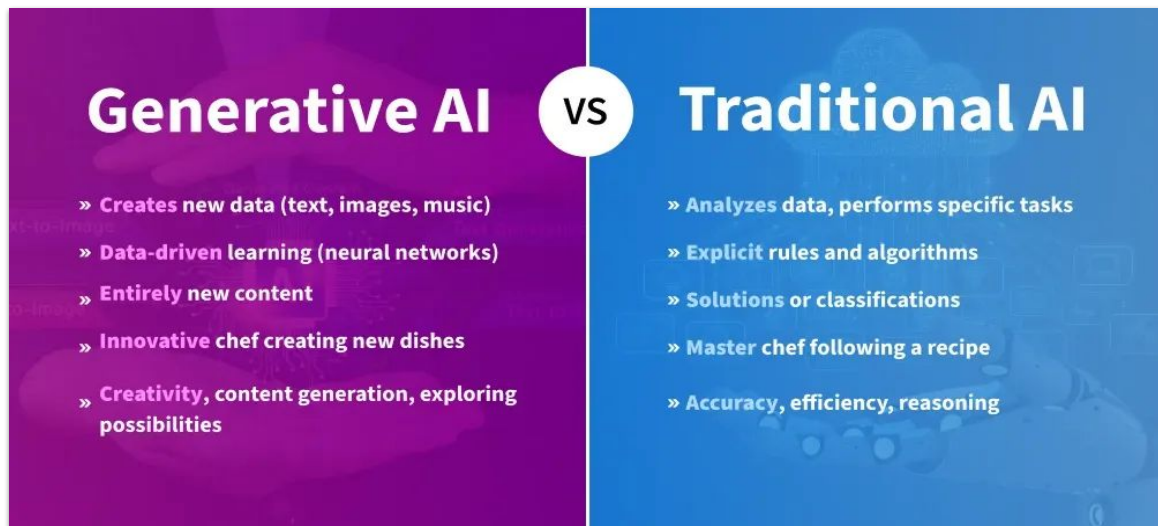
- Mimics human cognitive functions like **problem-solving** and **decision-making**.
- **Learns** from data and human feedback.
- Recognizes **complex patterns** without constant guidance.
- Processes **sensory input** (text, audio, and visuals).



Adapted from [CPS AI Guidebook](#)

Generative AI

- Traditional AI **sorts and predicts** (e.g., spam filters or movie recommendations).
- **Generative AI creates** new content.



[Image Source](#)





**Please view the video
on the facilitator's screen.**

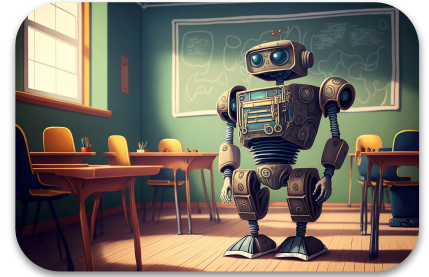
The Role of AI in the Classroom

The AI Role: "The Engine" (Heavy Lifting)

- **Efficiency:** AI handles time-consuming repetitive tasks.
- **Linguistic Processing:** Rapidly generates instructional materials.

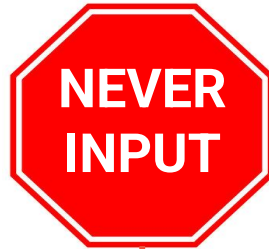
The Teacher as "The Architect" (Decision-Making)

- **Context & Relevance:** You know your students' strengths, needs, interests, etc.
- **Final Approval:** You are the "Human-in-the-Loop" who verifies the material.



Privacy, Security, and Confidentiality

Assume all information shared with Generative AI becomes **public domain** and is used for model training.



IT Service Desk: (773) 553-3925

Personally Identifiable
Information

Confidential Records

Intellectual Property

Verification of AI Output

Check for:

- ✓ **Linguistic Accuracy**
- ✓ **Factual Accuracy**
- ✓ **Instructional Appropriateness**



Bias

**Generate an image of a
typical American
family.**

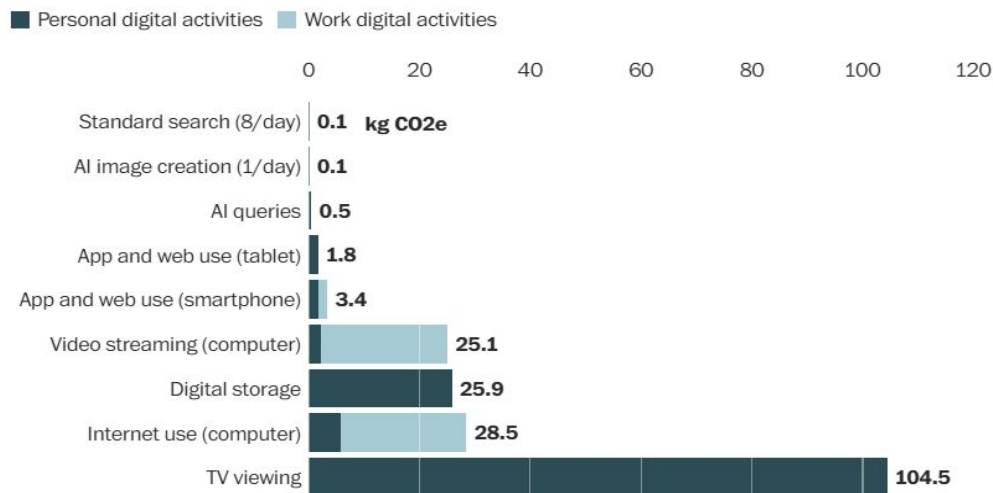


Student Use

The screenshot shows a Google Chrome browser window with the address bar displaying a URL from cps-il.cloud.safarimontage.com. The page features a navigation bar with links for 'For Parents', 'For Educators' (which is highlighted), and 'Our Work and Impact'. Below this is the Common Sense Education logo and a search bar. A green navigation bar contains links for 'Digital Literacy and Citizenship', 'AI in Schools', 'Resources', 'Professional Development', 'For Families', and 'Get Our Newsletter'. The main content area displays a slide titled 'Artificial Intelligence: Is It Plagiarism?' with a subtitle 'DIGITAL CITIZENSHIP | GRADES 8-12'. The slide includes a purple header with a lightbulb icon and the text 'NEWS & MEDIA LITERACY We are critical thinkers & creators.' and the Common Sense Education logo at the bottom. The slide's background features a glowing blue brain graphic overlaid on a circuit board pattern. At the bottom of the browser window, a Google Slides player interface is visible, showing navigation controls and a 'View & Chat' button.

Environmental Impact

Personal GHG emissions from digital activities for a typical American per year



Emissions in kilograms CO2 equivalent. Illustrative user based on time-use/technology surveys from Nielsen, DataReportal, U.S. Census Bureau. Assumes eight AI/search; one image query per day

Source: Source: PlanetFWD, published estimates in the scientific literature

MICHAEL J. COREN / THE WASHINGTON POST

Approved Tools

City of Chicago School District 299's Public Library

Search products

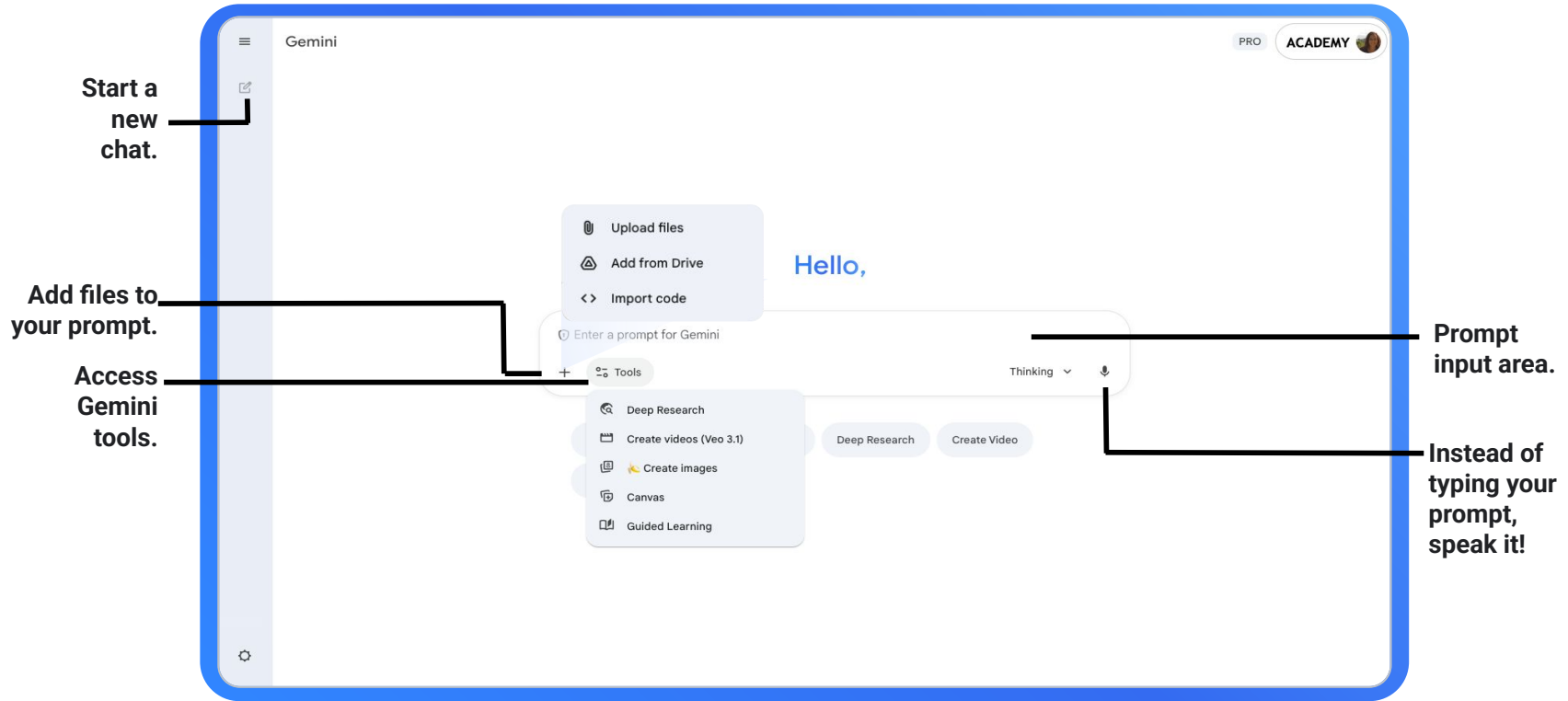
Product Name	Approval Status	Resources
 95 Literacy Intervention System Ensure all students receive the targeted instruction they need to quickly move out of EL.	Approved for Use	1 Item
 95 Percent Group Unlocking the power of literacy for every child	Approved for Use	1 Item
 Ability Drive Ability Drive® with Drive by Eye™ Technology gives you the power to be independently mobile.	Approved for Use	0 Items
 Academic Approach Teaching college readiness skills and raising ACT and SAT scores	Approved for Use	1 Item
 Accelerated Reader 360 AR 360 enables teachers and librarians to balance independent and instructional reading.	Approved for Use	3 Items
 Achieve3000 Literacy Our New Features for Back to School 2022 Are Designed to Support Student Success	Expired June 30th, 2022	6 Items
 Achieve3000 Math Accelerate Math Mastery with Achieve3000 Math™	Expired June 30th, 2022	0 Items
 Actively Learn Engage every student, every lesson.	Approved for Use	0 Items
 Adobe Acrobat Pro Use Acrobat to create, edit, and share PDFs.	Approved for Use	0 Items

Please share what AI tools
have you used?

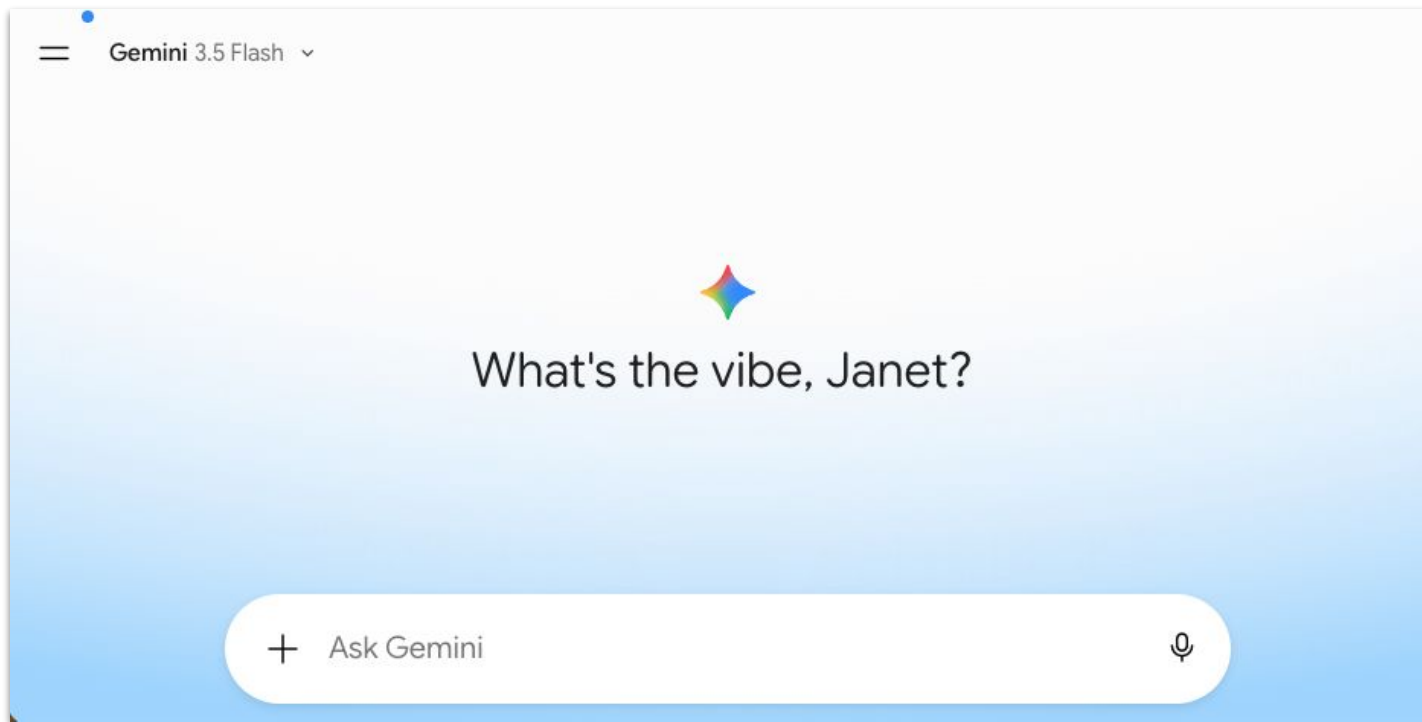
How have you used it for
planning and/ or in your
classes?



Gemini Introduction



Gemini Demo



Tips for Writing Prompts



PERSONA: “Third Grade Dual Language Teacher”



CONTEXT: “Students are studying biographies and autobiographies to answer the question: How do my beliefs affect what I believe about the world?”



TASK: “Create 3 graphic organizers to help students organize their learning as they are reading. Include emojis to support students’ understanding of the section of the graphic organizer.”



CONSTRAINTS: “No English”

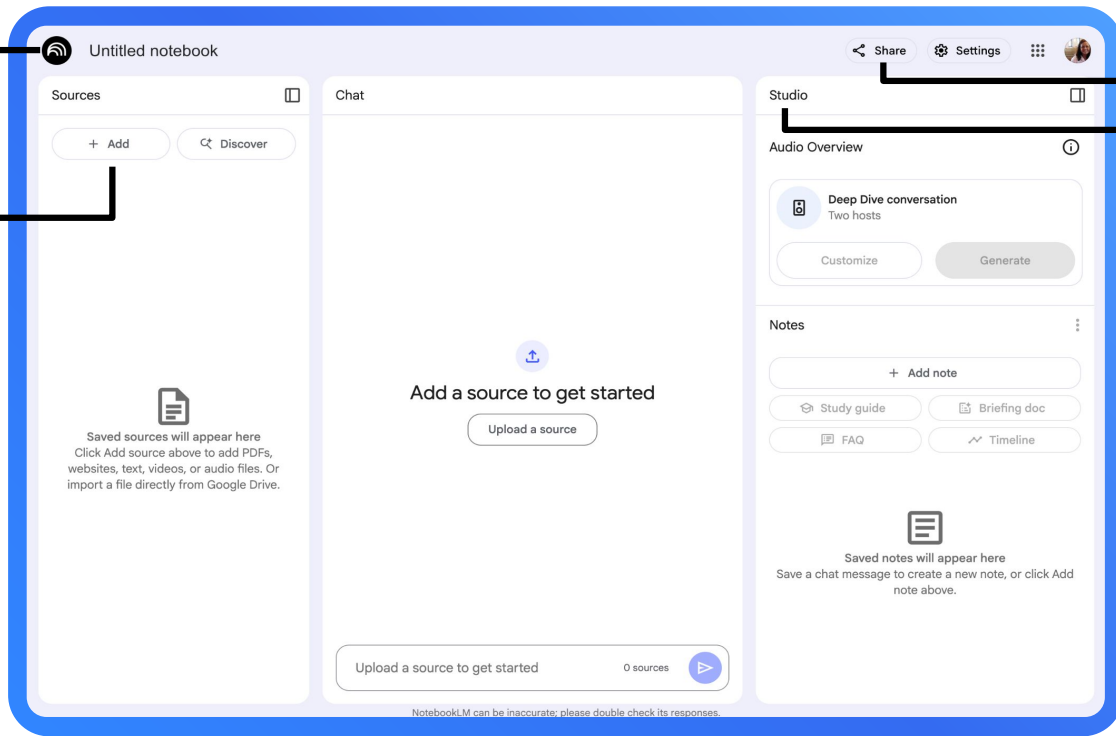


NotebookLM

Give your notebook a name.

Upload your sources.

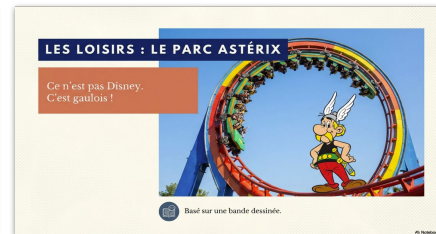
Ask questions of your sources.



Optional:
Share your notebook with colleagues or students.

Optional: In the Studio panel, generate a podcast-style Audio Overview, study guide, FAQ doc, and more.

Notebook LM Demo



Closing

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Additional Resources

- [!\[\]\(a22ba4e13c745edbf29e51af246c4c12_img.jpg\) CPS AI Guidebook and Website](#)
- [CPS AI Playbook](#)
- [AI Literacy Lessons for Students from Common Sense Media on Safari Montage](#)
- [CPS AI Foundations Badge](#)
- [Studio Code](#) (Includes FREE PD for teachers and student lessons)
- [AI Prompt Library for Educators](#)
- [AI Basics for Teachers Free Online Course](#) (Common Sense Media)
- [CPS Artificial Intelligence News Briefing](#) (Updated regularly)
- [What's New in AI?](#) (Updated regularly)
- [A Better Path: Designing Learning in the Age of AI](#)
- [Google Gemini Prompt Library for Teachers](#)
- [100+ Ways to Use Gemini in K-12 Education](#)

