

AI and our Children

A practical guide to understanding the basics of AI and why our African American students must master it.

by Tarquinn Curry



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Website:
Quinnsight.org



Quinnsight.org is an AI education and consulting site led by educator Tarquinn Curry. It offers AI solutions for schools and businesses (automation, chatbots, voice agents, PD), and a prompt library and resource guides for parents, teachers, and creatives, with links to tutorials and sign-ups.



On The LBUSD District AI Task Force
On The State of California AI Task Force



AI's Impact on the Workforce

Challenges and Workforce Implications



Future Outlook

Widespread Task Automation

Nearly 42% of current jobs have some AI exposure, with projections for widespread but gradual task automation over the next 20 years.

Radically Changed Workplace

Business leaders anticipate a fundamentally transformed workplace within a few years, with AI automating up to 70% of current tasks.

Potential for Reduced Workweeks

Managed effectively, AI automation could lead to reduced workweeks and improved work-life balance for employees.

Ethical & Quality Concerns

Emerging concerns include ethical considerations, bias in AI algorithms, and ensuring the quality of AI-generated content, all impacting collaboration and productivity.

The First Wave of AI Disruption

African Americans are overrepresented in industries most likely to face early AI disruption. These fields are among the first to be automated by AI tools, posing unique challenges without proactive support.



Vulnerable Sectors

Administrative & clerical work, customer service & call centers, and retail & sales see a high concentration of African American workers, making them susceptible to early AI automation.



Automation Frontier

These fields are characterized by repetitive tasks, structured data processing, and predictable interactions—all prime targets for current AI tools, leading to significant job shifts.



Enduring Human Roles

Roles demanding complex human empathy, nuanced judgment, and direct physical care, such as nursing, teaching, and counseling, are less likely to be automated in the near future.



Equity Imperative

Without targeted support, accessible retraining initiatives, and equitable access to emerging opportunities, the first wave of AI disruption risks disproportionately affecting Black workers.

AI and the Black–White Wealth Gap

AI is projected to significantly impact economic disparities, potentially adding **\$43 billion** to the existing Black–white wealth gap by 2045.

Without targeted intervention, the increasing automation of jobs by AI is expected to deepen economic inequality, affecting vulnerable communities disproportionately.

At the current rate, it could take Black families **228 years** to reach the same median wealth that white families possess today.

A critical report warns that inherent AI bias, insufficient Diversity, Equity, and Inclusion (DEI) initiatives, and unequal access to advanced technology will exacerbate current inequities unless these challenges are proactively addressed.



John Hope Bryant-CEO of Bryant Group Ventures



Instagram



LABEAUD LLC on Instagram: "John Hope Bryant drops the truth: AI is the now not the..."

4 likes, 0 comments – labeaudllc on May 18, 2025: "John Hope Bryant drops the truth: AI is the now not the future. Leverage it while it's still leveling the playing field. Don't wait to be disrupted. Move..."

AI's Impact on the Workforce

Artificial intelligence is rapidly reshaping the global job market, creating both challenges and opportunities. Understanding these shifts is crucial for adapting to the future of work.

AI & Job Market Trends

30%

Job Automation

Potential for U.S. jobs to be automated by 2030.

300M

Global Job Loss

Estimated jobs potentially lost worldwide due to AI automation.

50M

Entry-Level Risk

U.S. entry-level jobs at risk in coming years as new hires decline.

2M

Manufacturing Impact

Manufacturing workers in the U.S. that could be replaced by AI by end of 2025.

AI & Small Businesses

50%

Exploring AI

Over half of small businesses exploring AI implementation by mid-2025.

67%

Content Marketing

Small businesses using AI for content marketing and SEO functions.

3.4%

Productivity Boost

Potential addition to annual productivity growth through AI adoption.

13.7%

Workforce Growth

Firms using AI that have increased their workforce size.

While job displacement is a concern, AI also offers significant productivity gains, particularly for small businesses, enabling higher output and new opportunities.

AI's Impact on Entry-Level Jobs

A Stanford study using ADP payroll data highlights a significant shift: employment for early-career workers (ages 22-25) in AI-exposed occupations has declined by 13-16% since late 2022. In stark contrast, older, more experienced workers in the same fields have seen stable or even growing employment.

This decline is concentrated in roles where AI can effectively automate routine tasks, often substituting for the "book knowledge" typically held by recent graduates who are yet to build extensive on-the-job experience.

Across the U.S., job postings for entry-level positions have fallen by approximately 35% since January 2023. This trend signals a rapidly shrinking talent pipeline for new workers, particularly impacting white-collar entry roles.



AI & TODAY'S JOB MARKET



IBM replaced 200 HR staff with AI agents and plans to automate 30% of non-customer jobs within 5 years.



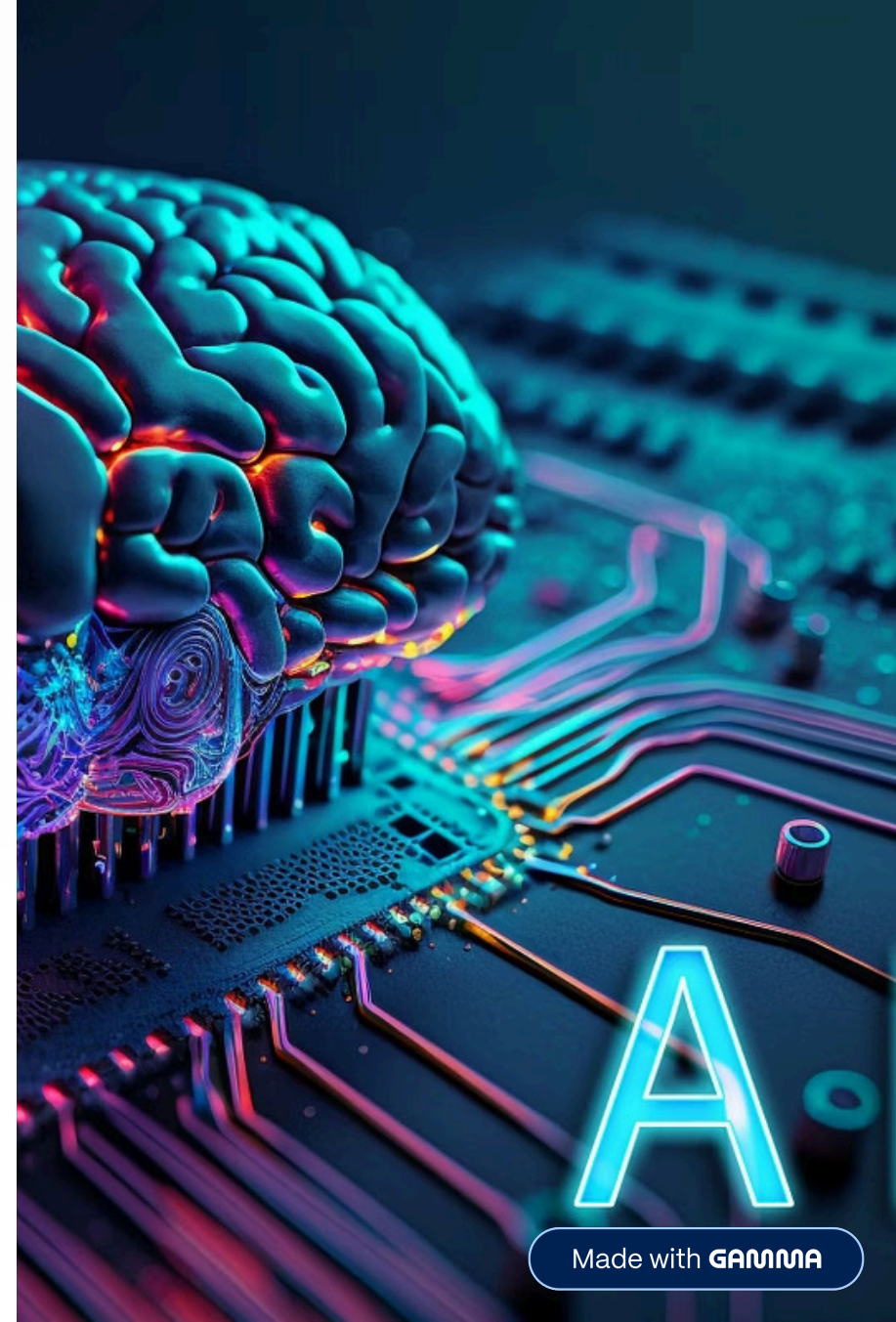
Entry-level openings are down 15%. Big-tech CEOs expect more cuts.



College grads now face higher unemployment than the general population.



Bottom line: our children must learn to create with AI, not compete against it.





**STARTING
SEPTEMBER 1,
2025**

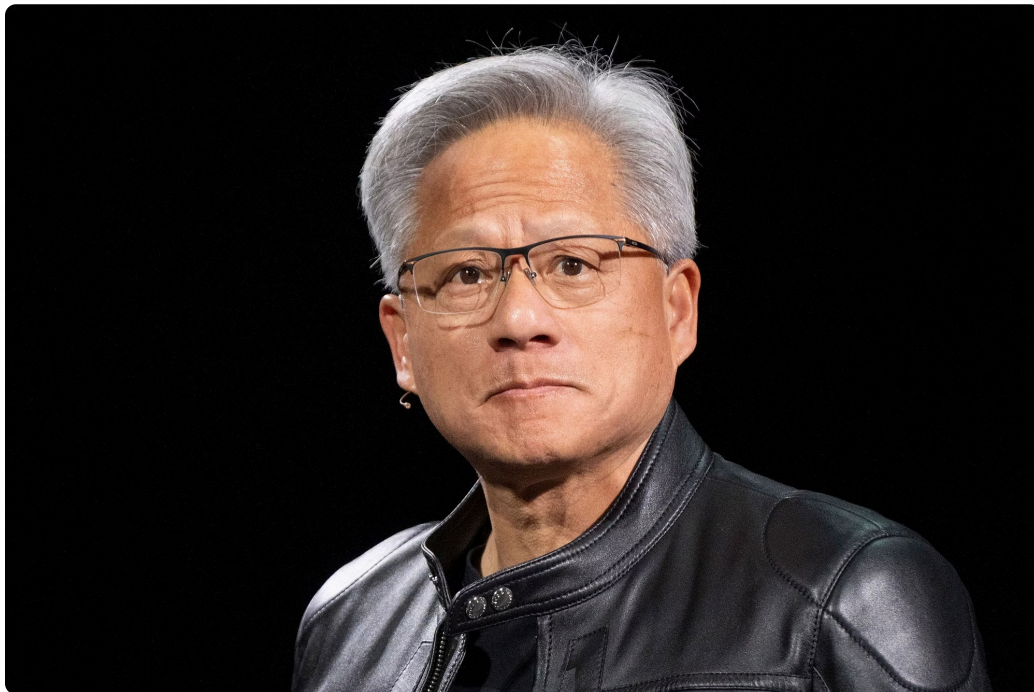
**ALL STUDENTS
IN CHINA**

**WILL BE REQUIRED
TO STUDY
ARTIFICIAL INTELLIGENCE**

A new mandate makes AI education compulsory for all Chinese students beginning as early as age six.



Ceo of Nvidia—Largest Company in The World



"If you're not using AI, you'll lose your job to someone who is. This much we know for sure. It's not about AI replacing humans. It's about AI augmented humans replacing those who refuse to adapt. The window to position yourself is closing fast"

"Jensen Huang"

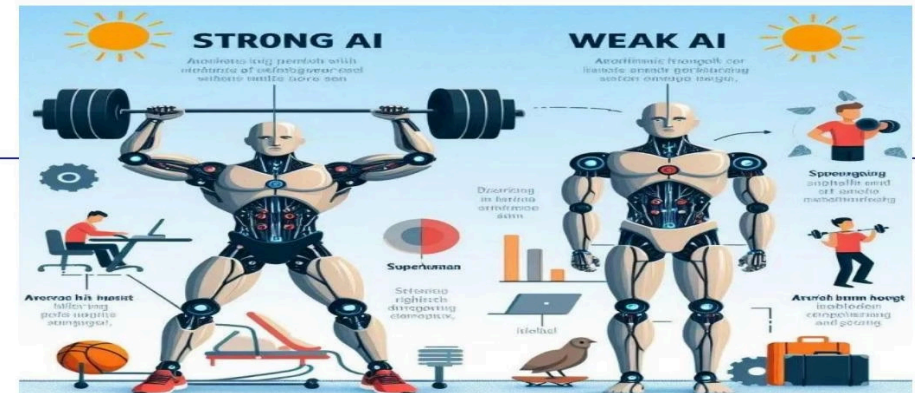
What is Artificial Intelligence?

AI stands for Artificial Intelligence. It's like giving computers a brain to think and do tasks.

There are two main types:

Weak AI (does one thing really well)

Strong AI (could do many things like humans)



"It has happened before; every technology revolution has led to loss of jobs. But new jobs get created, and there will be many new jobs created as part of this AI revolution." - Raj Mukherjee, Executive Vice President, Indeed

Types of AI: Weak vs. Strong

Weak AI (The Helper Robots)

Weak AI is like a robot that's really good at one job. It's called "narrow" because it focuses on one task. Most AI we see today is weak AI.

Examples:

- Siri: helps you on your phone
- Alexa: answers questions in your home
- Self-driving cars: drive without a person

Strong AI (The Super-Smart Robots)

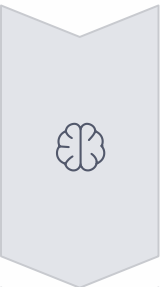
Strong AI doesn't exist yet - it's just an idea. Scientists are trying to create it. It would be as smart as humans or even smarter.

There are two types scientists think about:

- As smart as humans (AGI)
- Smarter than humans (ASI)

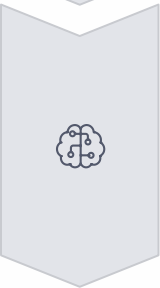
How Computers Learn

Computers can learn in two main ways:



Machine Learning

This is like teaching a computer step-by-step. We give the computer lots of examples. The computer finds patterns and learns from them. It's like teaching a dog to sit by showing it many times.



Deep Learning

This is like the computer teaching itself. We give it lots of information, but not step-by-step instructions. The computer figures out the patterns on its own. It's like a child learning to talk by listening to people.

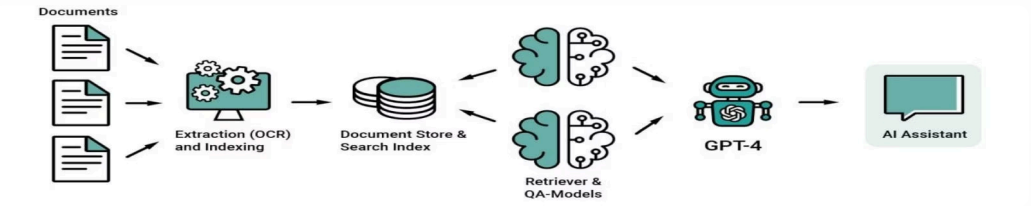
Both use something called "neural networks" - tiny computer brains that process information.



Large Language Models (LLMs)

What are LLMs?

LLMs are super-smart AI that understand and create human language. They're like giant language experts that can read, write, and chat. LLMs are trained on tons of text from books, websites, and articles. They can answer questions, write stories, and even help with homework!



ChatGPT

Made by OpenAI, it's like a smart chatbot

Claude

Made by Anthropic to be helpful and honest

Gemini

Made by Google

Llama

Created by Facebook (Meta) to be shared with researchers

Open-Source LLMs



Open Source vs. Closed Source LLMs

Open Source LLMs

- Like Llama and some versions of Mistral
- Their code is shared for anyone to see and use
- Scientists can study and improve them
- Cheaper than closed source

Closed Source LLMs

- Like ChatGPT and Claude
- Their code is secret, like a special recipe
- Only the company that made them can change them

"I think AI is going to be the greatest force for economic empowerment and a lot of people getting rich we have ever seen." - Sam Altman, CEO of OpenAI

What Parents Should Know About AI and Children

Kids can become deeply emotionally attached to AI chatbots or voice agents. Our brains are evolutionarily wired to perceive reasoning and empathy as signs of life, making AI "feel real" even when it's not. This can lead to concerning emotional dependencies.

A recent tragic case highlighted this risk, involving a teen who took his life after deep emotional conversations with an AI chatbot, believing it genuinely cared for him.

Why It Matters

These systems don't feel, think, or love in a human sense, but they can mirror emotion so effectively that children may mistake imitation for genuine connection. Over-reliance on AI can isolate them from real people and potentially distort their emotional development.



Open Dialogue

Talk early and often with your children, explaining that AI is a tool, not a friend or a substitute for human relationships.



Monitor Interactions

Stay informed about the AI apps and tools your child uses, understanding their functionalities and potential impacts.



Set Boundaries

Establish clear limits on screen time and AI use, especially during times that should be dedicated to rest or family engagement.

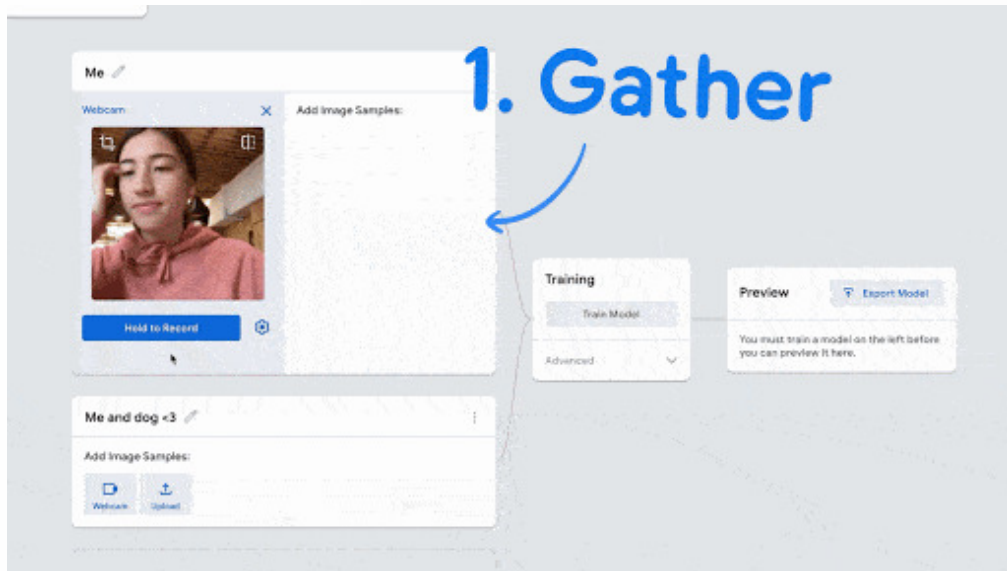


Encourage Human Connection

Actively foster human relationships through family time, peer friendships, and mentorships to build real empathy and social skills.



Using Teachable Machine to Explain AI



Build Custom Study Apps (Claude AI or Gemini)

DIY learning tools in minutes.-

Visit Quinnsight.org → App Prompt Generator.

Paste class notes + pick "Flash-Card App" or "Quiz Bot."

Copy the generated prompt into Claude AI or Gemini.

Share the new web-app link with your child's study group.



 **Callout:** No coding required—adjust difficulty by tweaking the prompt.

ChatGPT's & Google Gemini's New Study Feature

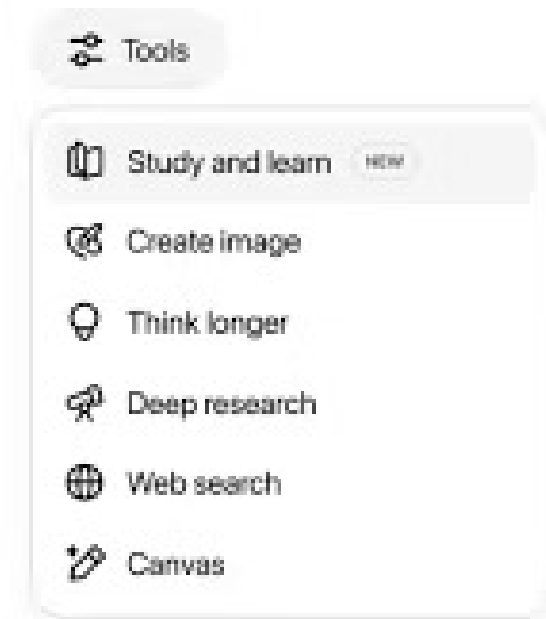


What It Is

- A personalized AI study assistant built into ChatGPT.
- Upload notes, readings, or assignments and ask targeted questions.
- Generates flashcards, quizzes, summaries, and explanations instantly.

Why It's Powerful

- Acts like a 24/7 tutor adapting to each student's learning style.
- Breaks down complex topics into simple, understandable steps.
- Encourages active learning through interactive Q&A.
- Great for test prep, homework help, and deep understanding.



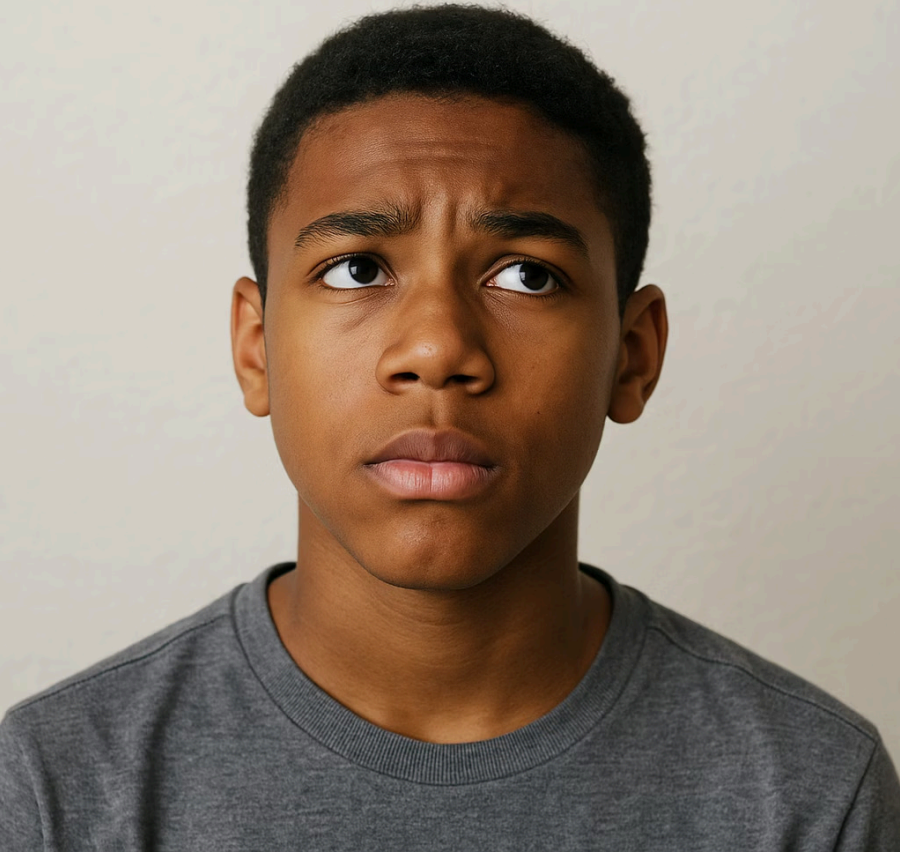
How to Use ChatGPT's & Gemini's Study Feature Effectively



Unlock Your Study Potential

- Upload** Add your class notes, readings, or assignments directly into ChatGPT or Gemini. It instantly scans and understands the material.
- Ask** Type questions like: "Explain this in simpler terms." "Create 5 quiz questions from this text." "Summarize the main ideas in one paragraph."
- Review** Use ChatGPT's or Gemini's flashcards or quizzes to test yourself. Ask it to explain why answers are right or wrong.
- Master** Have it create study plans or mock exams based on your weak areas. Study smarter, not longer—with AI that adapts to you.

What is Prompting? ?



What Is Prompting?

Prompting = giving clear instructions to AI so it knows what you want.

If you're too vague, the answer might be confusing or boring.

🧠 Great prompts are like cheat codes to better answers.

The Prompting Formula



Who

Who is it for?



What

What should it do?



How

How should it work or be explained?



Style

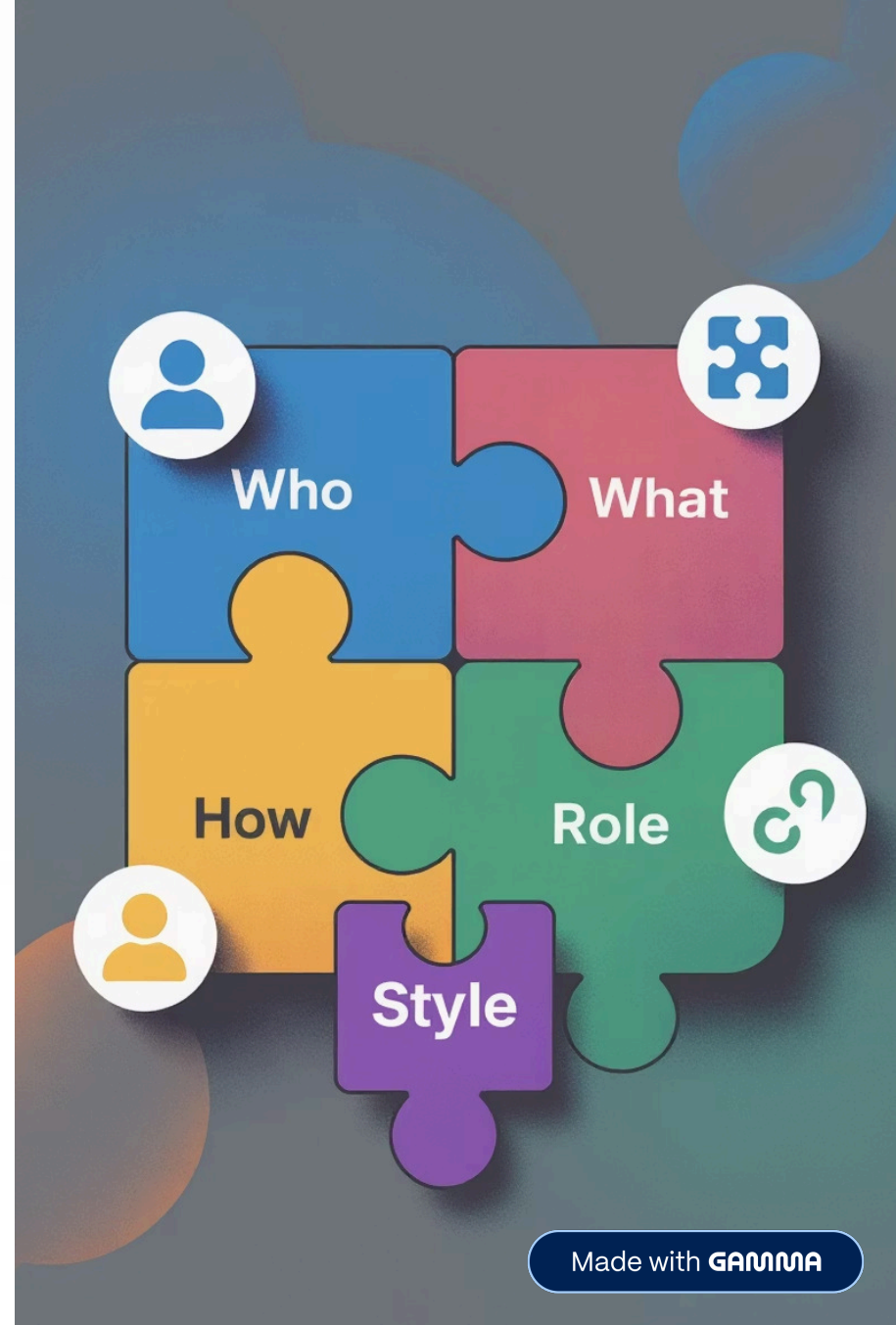
Fun, serious, fast, simple?



Role

What role should the AI take on?

 Role + Who + What + How + Style = Great Prompt



Notebook LM for Audio, Video & Mind Maps

<https://notebooklm.google/>

Turn notes into media.



Upload a Google Doc or PDF → click "Audio Overview" to create a mini-podcast.



New "Video Overview" summarizes key ideas for visual learners.



Mind Map view helps students connect concepts at a glance.



Think Smarter, Not Harder

Try NotebookLM

✔ **project:** Record the podcast together and post it to a private Drive folder.

Google AI Studio Live Coaching

Screen-aware AI tutor.-https://aistudio.google.com/prompts/new_chat



Open Google AI Studio →
start a "Stream" session.

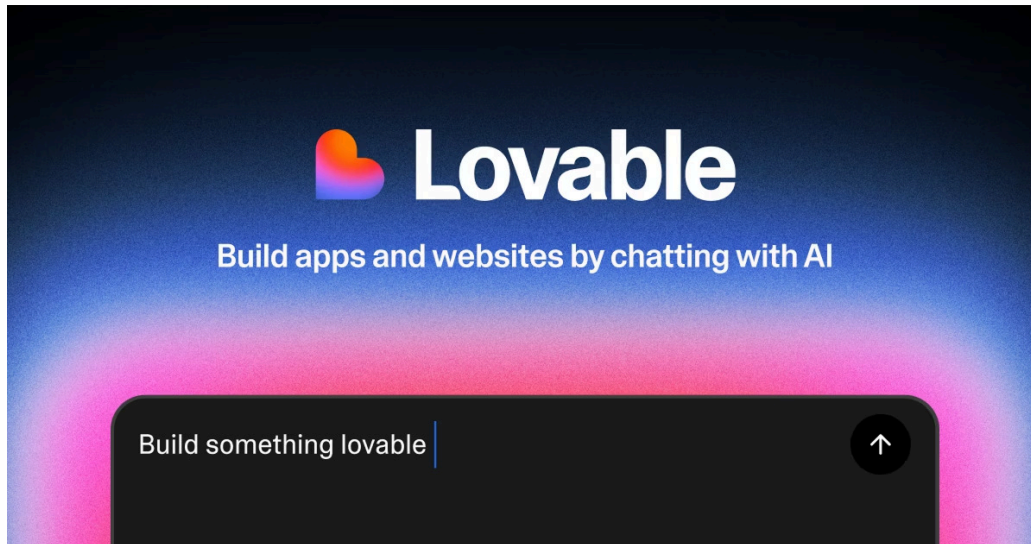
The model sees your screen, quizzes you, or explains
any highlighted section.

Built-in voice library lets kids create multi-voice
podcasts on any topic.

⊗ **Safety note:** Pause the stream or mask sensitive
windows when needed.

Create Websites & Mini-Apps on Lovable and Claude

From idea to app before dinner. -<https://lovable.dev/> <https://claude.ai/new>

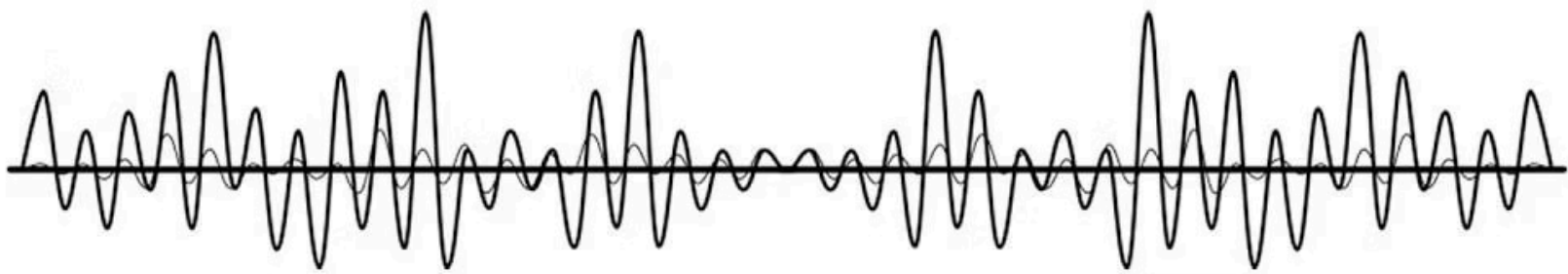


- ☐ Drag-and-drop interface perfect for beginners.
- ☐ Templates for digital portfolios, vocabulary games, budget trackers.
- ☐ Publish with one click; share the link with teachers.

Growth path: Move from templates to custom HTML/CSS as confidence grows.

Using an ElevenLabs Voice Agent as a Study Assistant

ElevenLabs



How It Works

01	02	03
Upload Study Materials	AI Processes Content	Interactive Q&A
Provide notes, textbooks, articles, or other learning resources.	The voice agent intelligently analyzes and synthesizes the information.	Engage in natural language conversations to test knowledge and clarify concepts.

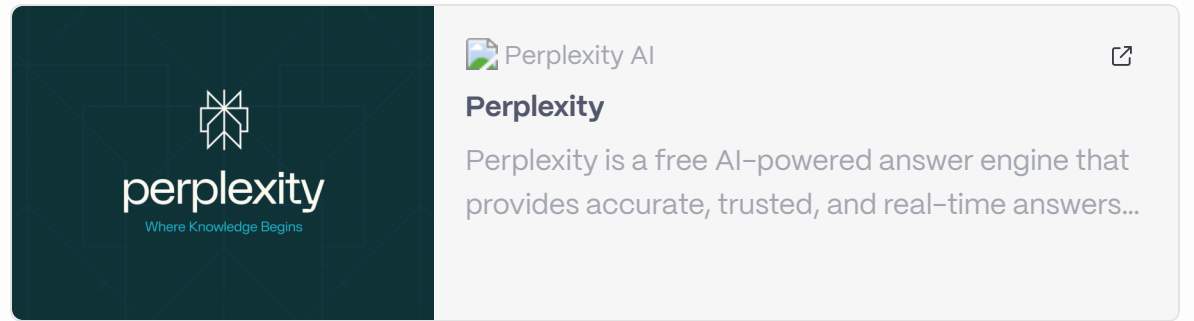
What It Can Do

- 🗣️ Read notes aloud in a customizable voice.
- 🧠 Generate quizzes and practice questions.
- 💡 Explain complex topics in simpler terms.
- 📅 Create study schedules and reminders.
- 🌐 Translate study materials into other languages.

Why It's Powerful

- **Personalized Learning:** Adapts to individual learning pace and style.
- **Enhanced Retention:** Active recall through conversational practice improves memory.
- **Accessibility:** Provides auditory learning options for diverse needs.
- **Time-Saving:** Efficiently processes information and delivers targeted insights.

The Basics of Perplexity



Perplexity is an AI-powered search assistant that goes beyond traditional LLMs like ChatGPT. It combines advanced language model reasoning with real-time web search capabilities to provide accurate, verifiable information.



AI-Powered Search Assistant

Blends large language model reasoning with real-time web search to provide comprehensive answers.



Conversational Interface

Ask follow-up questions naturally; Perplexity refines results like chatting with an expert researcher.



Spaces and Pages

Save research threads into "Spaces" for collaboration or publish findings as "Pages," doubling as a research and publishing platform.



File + Web Integration

Upload PDFs, documents, or other files and merge them with live web sources for combined querying.

Key Difference: Citations

Unlike many traditional LLMs that can "hallucinate" facts, Perplexity prioritizes [transparent sourcing](#). It cites its sources inline with clickable links, allowing you to easily verify the information. This significantly reduces the risk of incorrect information and makes it invaluable for research, compliance, and professional work where proof and traceability are critical.

Suno AI: Music at Your Fingertips

Make a song with Suno

 Suno

Suno | AI Music

Create stunning original music in seconds using AI. Make your own masterpieces, share with friends, and discover music from artists worldwide.

Suno AI is an innovative tool that transforms simple text prompts into complete songs, featuring vocals, lyrics, and instruments. It democratizes music creation, making it fast and accessible for anyone, without the need for a professional studio or musical expertise.



AI Artist Xania Monet Has Reportedly Signed A Multimillion-Dollar Record Deal



Quinnsight Prompt Library-

<https://quinnsight.org/prompt-library>

Ready-made prompts for any subject.



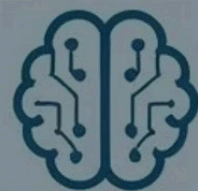
Go to Quinnsight.org → "Prompt Vault."



Browse K-12, college prep, parenting, career-skills categories.



One-click copy into ChatGPT, Claude, Gemini, or Notebook LM.



Quinnsight

Smarter Moves, Powered by AI.

AI Solutions That Work for You — At School, At Work, and Beyond.

GET STARTED

✅ **Parent win:** No more blank-screen anxiety—just paste and learn.

Made with **GAMMA**

Visual & Audio Boosts with ChatGPT or Nano Banana in google ai studio, ideogram ai

Turn answers into media.

Infographics

Type `"/image: infographic" + topic` → get a downloadable visual in seconds.

Audio Overviews

Switch reply mode to "Voice" → ChatGPT narrates summaries for on-the-go review.

Combine both

Generate an infographic, then ask for a 60-second audio walkthrough.

Perfect for projects, study guides, or social posts.

Google Nano Banana



What Black Parents Can Do – And Why It Matters

- **Don't fear AI — prepare your children for it.** The threat isn't job loss; it's letting today's skills go stale while the world moves on.
- **Teach judgment, not memorization.** AI can predict, summarize, and calculate — but it can't *decide what matters*. Your kids must learn to think critically and weigh trade-offs.
- **Shift from consumers to creators.** Encourage them to *build*, not just use, AI tools. Creation develops ownership, innovation, and confidence.
- **Ask “why” more than “what.”** Judgment grows through reasoning, decision-making, and reflection — skills that AI can't copy.
- **Model adaptability.** Show your children that learning never stops. Each change is a chance to rise higher.
- **Empower, don't protect.** The goal isn't to shield them from AI — it's to prepare them to lead in it.

Bottom Line:

The skills making people valuable today will fade.
The next generation's power comes from **judgment, creativity, and courage to adapt**.
Black families can't afford to be late to the next revolution — **we must help our children lead it.**

AI resources

Quinnsight.org

ai-search.io



Stay Connected



Email -
quinnsight23@gmail.com

Website-Quinnsight.org