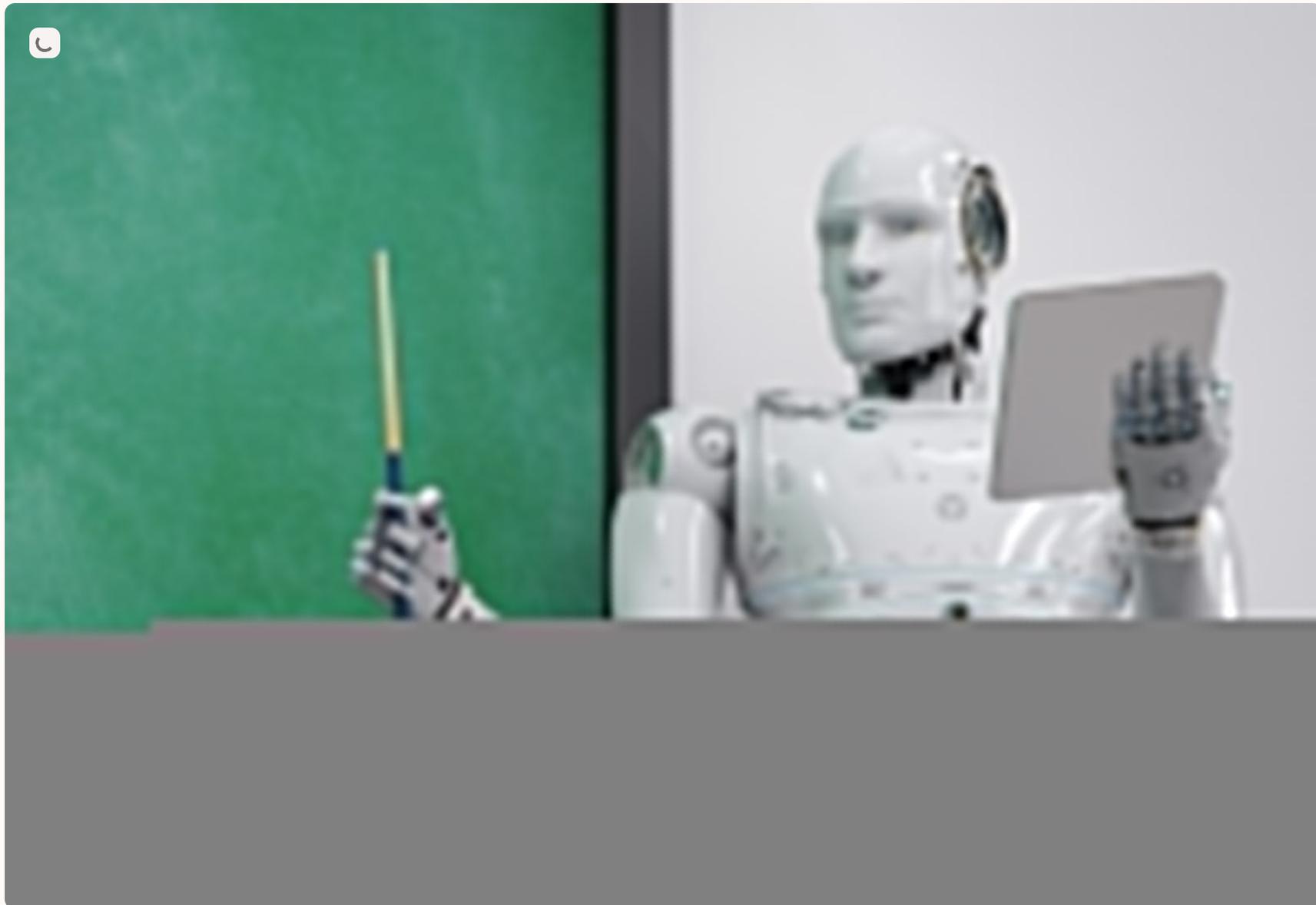
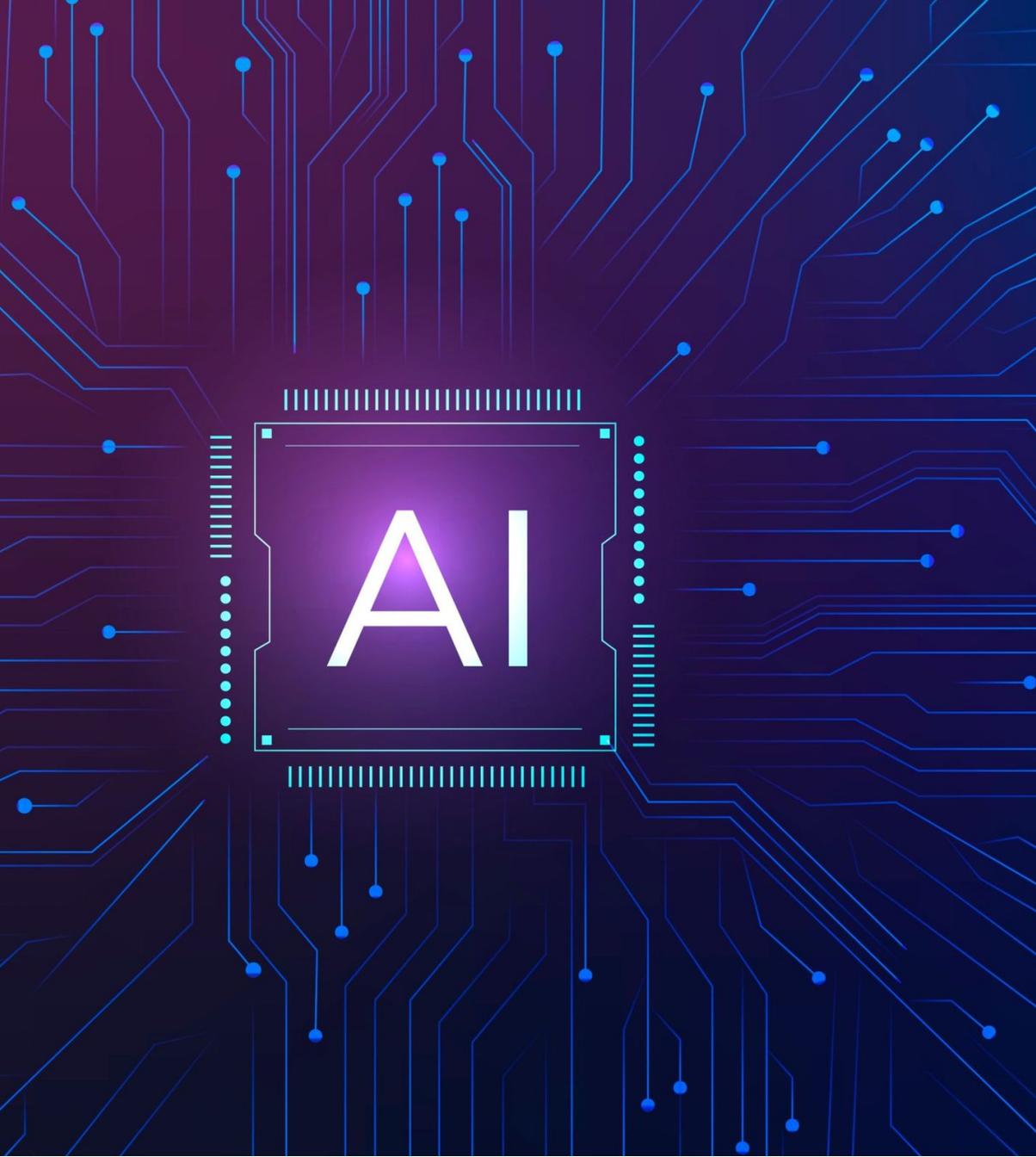


# AI for Educators: Understanding and Embracing Generative AI in the Classroom





# Synthminds & Synaptic Labs

A collective of AI developers and enthusiasts focused on teaching, integrating, communicating, and building with AI.

***Powering Equitable Access  
to AI technology Through  
Education & Integration***



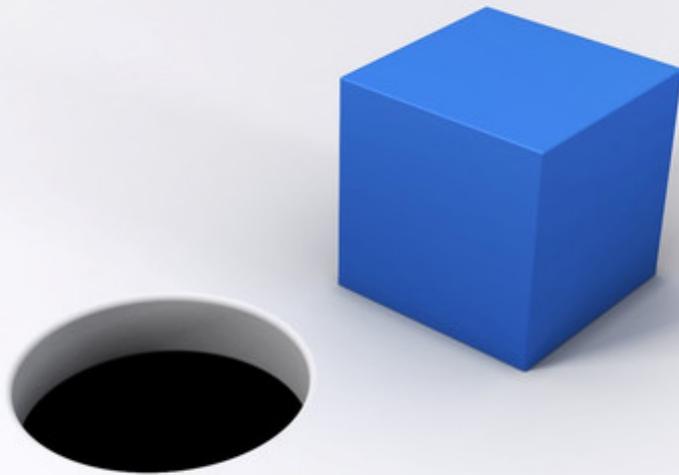
# Takeaways for the Presentation

## 1 Understand the Evolution of AI in Education

Discover the past and future of AI in education and how it impacts teaching and learning.

## 2 Proceed Responsibly in the Age of Generative AI

Learn clear guidelines on how to navigate the ethical challenges of integrating AI in education.



# Why is Rote/Recall Learning still the Basis?

## 1 The Sage on the Stage

- Dispersed Population Centers
- Factory and Military Foundations
- Focus on Recall and Recognition

## 2 Why Rote/Recall is now Outdated

- Promotes Convergent Thinking, Doesn't Challenge the Brain
- Short-term; Doesn't Allow for Exploration of Different Options
- Discourages Social Skills; People Passive Learners; Makes Followers, Not Leaders

## 3 Adapting to the Information Age

- All information at our fingertips
- We can interact and ask that info questions thanks to GenAI
- Opportunities for Critical thinking-based education model

# AI for Education

## 4 School Approaches to AI Adoption



WAIT

*Usage escalates without clear guidance and schools eventually scramble to try and catch up*



BAN

*Students & teachers get left behind while creating an atmosphere of suspicion*



SELF-GUIDED

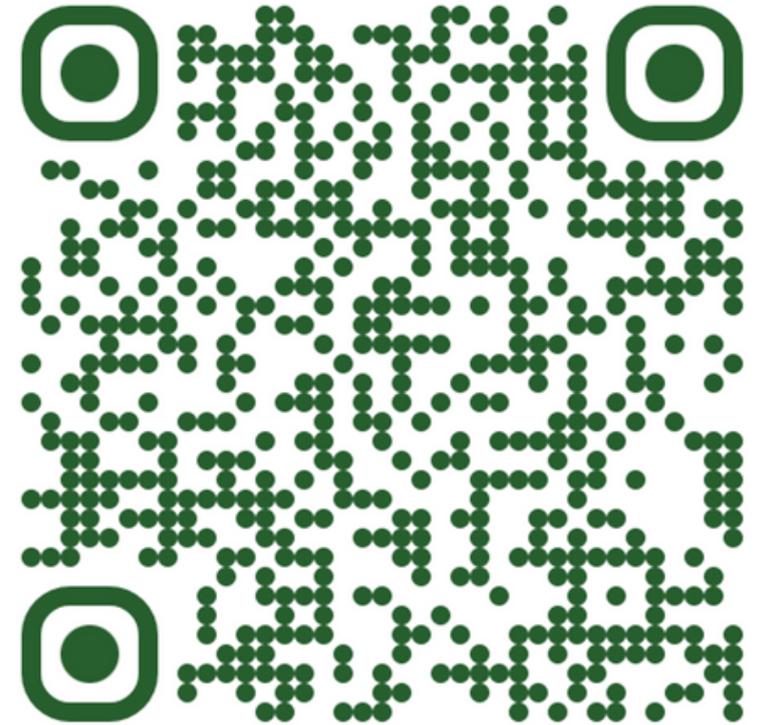
*Lack of guiding policies leaves individual teachers and students to adapt and fend for themselves*



SCHOOL-WIDE

*Maximizes potential, empowering teachers and improving student outcomes while preparing them for the future*

AI for Education

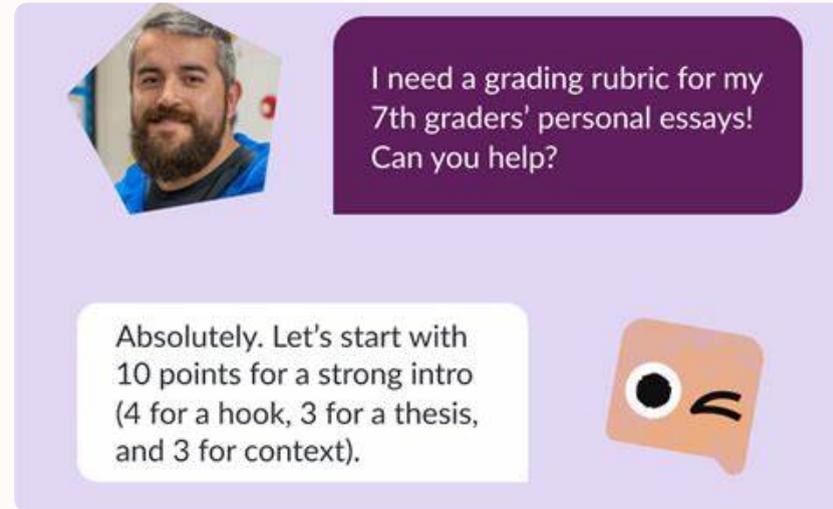


# What's Here Already



## CS50 - Your Coding Tutor

Chatbot designed to help you master coding and explore the world of computer science.



## Khanmigo - Real-Time Tutoring

A tutorbot that provides personalized coaching and real-time learning audits.

# AI Application in Schools

## Enhancing Curricula

AI enhances traditional subjects and opens doors to new learning opportunities.

## Supporting Teachers

AI assists educators in creating engaging and effective lessons.

## Promoting Collaboration

AI tools encourage teamwork and peer learning among students.

 [www.app.gpt-trainer.com](http://www.app.gpt-trainer.com)

**GPT-trainer**

Build your own ChatGPT with no-code and embed it directly onto your website



# StudyBuddy

## Unlocking Potential

AI empowers students with personalized learning journeys and the ability to learn at their own pace

 [www.app.gpt-trainer.com](http://www.app.gpt-trainer.com)



### **GPT-trainer**

Build your own ChatGPT with no-code and embed it directly onto your website

# Difficult Conversations

 [www.app.gpt-trainer.com](https://www.app.gpt-trainer.com)



**GPT-trainer**

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# Limitations and Risks

## 1 Privacy Concerns

AI in education and the challenges it poses in terms of privacy and data security.

## 2 Bias in AI Algorithms

Risks of bias and unfairness that arise from AI algorithms

## 3 Potential for Hallucinations

AI-generated content and its impact on learning outcomes due to non-factual information produced by AI



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