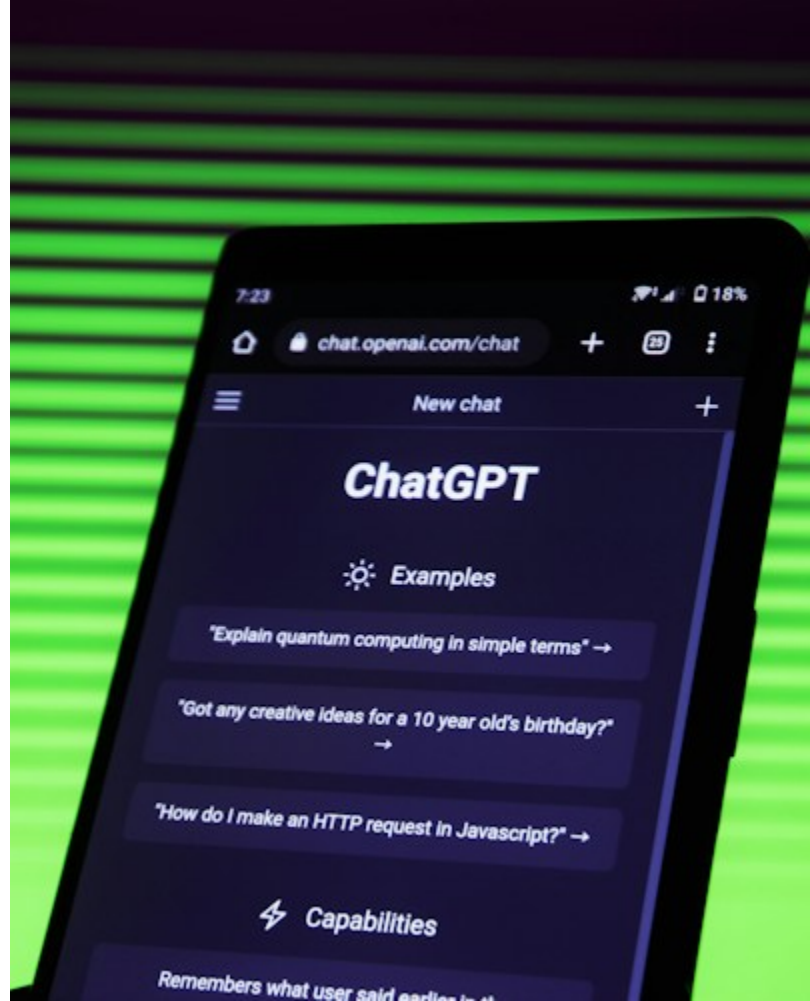


A hand is shown holding a smartphone. The phone's screen displays the Google Bard logo, which consists of a large black letter 'G' above the word 'Bard' in a smaller font. The background is dark, and there is a large, out-of-focus version of the same 'G' and 'Bard' text in the upper left and right areas. The overall image is centered around the theme of generative AI in education.

Generative AI in K12 Education

Agenda

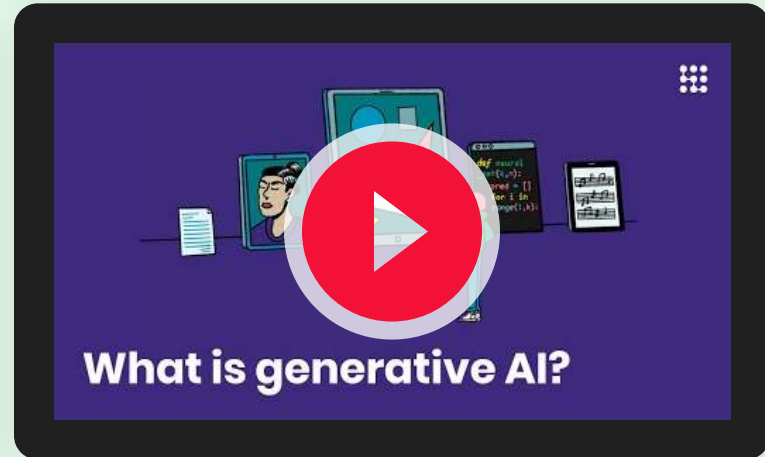
- Intro to Generative AI
- Benefits and Challenges of AI in the Classroom
- AI Tools for the Classroom
- Interactive Session: Exploring AI Tools
- Conclusion and Q&A



What is Generative AI

- AI, or artificial intelligence, is a branch of computer science that focuses on creating machines that can mimic human intelligence.

- Generative AI is a subset of artificial intelligence that involves creating new data or content based on existing data. This allows for the creation of new and realistic content such as images, videos, and text.



Benefits of Generative AI

- Personalized learning experiences
- Efficiency in coursework and tasks
- Instant feedback and practice opportunities
- Support for diverse learners
- Automation of administrative tasks



Challenges with Artificial Intelligence

- Lack of policy guiding the use of AI in K12
- Privacy concerns
- Equity issues and access to technology
- Need for teacher and student training

AI Tools for the Classroom

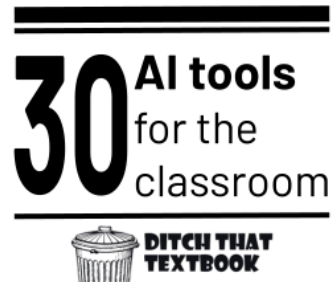
- Chatbots
- Lesson Design and content creation
- Teaching Aides
- Assessment/quiz generators
- Visual graphics



30 AI tools for the Classroom

Ditch That Textbook

Website of some of the best AI tools for K12.



Interactive Session: Exploring AI Tools

- Work as individuals or small groups
- select one of the tools, sign up, and use it.
- Report on your experience
 - What did you like about it?
 - How can you use this tool in your school?
 - What are some potential challenges with using this tool?



Questions.

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