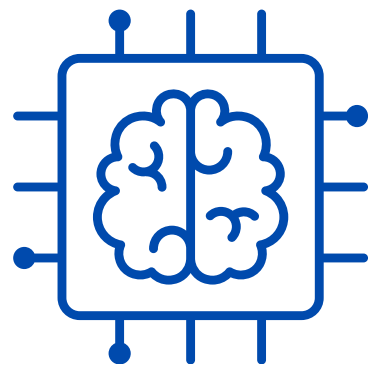# Supporting Accessibility and Inclusion in Education Using AI
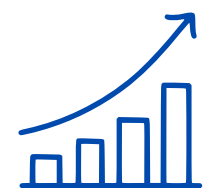
Let's Talk Accessibility and Inclusion

Educators are using AI to enhance accessibility and inclusion in the classroom. AI is transforming education by supporting diverse learners and breaking down barriers that students and educators face on a daily basis. This session dives into AI's ability to provide students with personalized learning, adaptive tools, and assistive technologies. We'll also learn about popular AI platforms that support an educator's need to create a more accessible and inclusive learning environment for all students.

AI is Growing

Did you know that:

- 84% of educators are actively using AI in their classroom (Policar, G., 2022)

- 74% of educators plan to increase their educational AI usage (Policar, G., 2022)

- 24% of educators have strong familiarity with using AI educationally (Slagg, A., 2024)

Student Impact

The use of AI by educators can support students by providing:

- Instruction at their academic level

- Instruction that supports their academic goals (IEPs, 504s)

- Accessibility features like closed-captions, screen readers, and speech-to-text for students with varying disabilities

Educator Impact

AI can support educators by:

- Creating lesson plans based on targeted skills, standards, and/or academic goals (IEPs, 504s)

- Differentiating existing lesson plans to meet the needs of the students within the classroom

- Reducing bias in grading and assessment by using objective criteria

Magic School

Magic School is an AI platform specifically created for educational purposes.

Magic School offers tools like:
- Text leveler, summarizer, and translator
- IEP Generator
- Behavior Intervention

Project Read

Project Read is an AI platform that creates literacy instruction based on curriculum or targeted skill.

Project Read offers tools like:
- Decodable Passages
- Lola the AI Lesson Planning Agent
- Decodable Games

AudioPen

AudioPen is an AI platform that converts speech into text.

AudioPen offers tools like:
- Translation
- Speech-to-Text
- Written Feedback

References:
Policar, G. (2022). 84% of U.S. Educators Actively Use AI In The Classroom. Study.com. https://teachinglicense.study.com/featured-insights/teachers-change-minds-about-AI.html
Slagg, A. (2024, September 30). AIin Education in 2024: Educators Express Mixed Feelings on the Technology's Future. Technology Solutions That Drive Education.
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