

verbit^y **webinar**

The Accessible Classroom Redefined

How AI Empowers Personalized Learning

Featuring:  mediasite





Our Speakers



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Agenda

1. **Changes in Media Consumption & The Student Experience**
2. **Solving The Accessibility Problem with AI Technologies**
3. **Increasing Engagement: Best Practices for Stronger Video Results**
4. **Speaker Q&A**



Media Consumption & The Student Experience: Then & Now



Gen Z: The Netflix Model of Learning

Providing Insights & Recommendations

- The “on-demand” Netflix mentality
- Using AI to suggest relevant videos
- Gaining deeper insights than ever before from student data





Gen Z: The Netflix Model of Learning

Taking Student Preferences into Account

- The future of learning will consider student preferences, such as how and when they want to learn and on what device.





Evolving Learning Experiences & Expectations

Personalized learning with technology

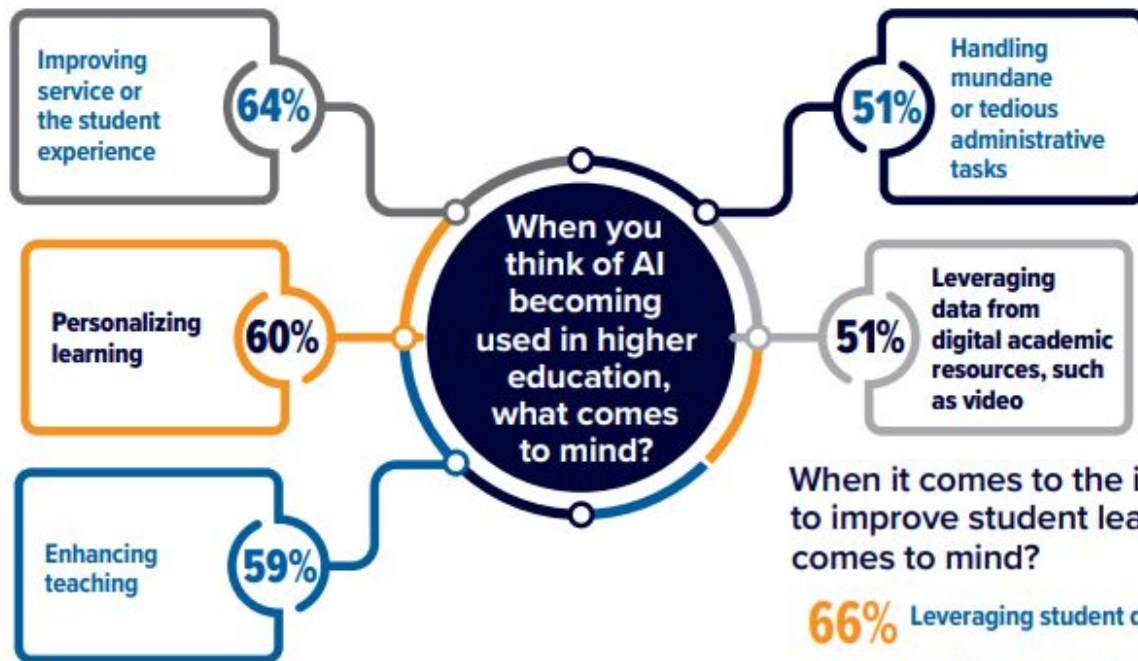
- More students are “*time shifting, screen shifting, and place shifting* their studies.”
 - Every student learns differently and the implementation of key technology, ie: interactive video and closed captioning capabilities allows professors to provide personalized, customized experiences to improve student performance.
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Solving The Accessibility Problem with AI Technologies



Survey: AI & Academic Video



When it comes to the idea of using AI in video to improve student learning outcomes, what comes to mind?

- 66% Leveraging student data to personalize learning
- 63% Increasing graduation rates with more personalized instruction and higher information retention
- 44% Recommending videos or information based on student interests (i.e. the Netflix model)



Research: Impact of Video-Driven Learning Environments

Video-driven learning with captions

- A 2019 SIGCSE study showed a statistically significant performance improvement after all students in a computer science course watched videos with captions.
 - Students reported that the videos with captions truly helped to “reinforce video material, maintain focus, and enhance comprehension.”
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The background of the slide is a dark blue, semi-transparent image showing a close-up of two hands shaking in a firm grip. In the background, a person's hand is visible holding a tablet computer. The overall scene suggests a business agreement or partnership.

Increasing Engagement: Best Practices for Stronger Video Results



Best Practices: Achieving Stronger Video Results

Key Tips

- Rule 1: Just hit record.
- Rule 2: Make sure it sounds good.
- Rule 3: Personalization is key.

You can also utilize AI in the video preparation process by uploading key terminology and resources to make the AI smarter and produce more accurate results.





Advocacy to Encourage Effective Video Use

Video is a cross-departmental topic

- **If your role falls within the disability department**, we encourage you to reach out to those managing your school's video platform (on the administrative side) to discuss mutual interests and the benefits of captioned, personalized videos.
 - **If your role is more tech-centered**, and you help to run your school's video platform for example and are being asked about disability accommodations, consider having a larger conversation about what you can provide to *all* learners.
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Q&A

Any Questions?



Thank You.

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