When peer notes fail to meet the grade Using note taking technology to improve student outcomes





Your note-torious hosts





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Who are Sonocent



Since January 2020, over **25,000+** classes captured with Glean What do we want to achieve today?







Why note taking is an investment in students' learning

Why peer notes fail to support learning

Why Glean has helped improve student outcomes

Why is note taking so important?



The act of taking notes is critical to the learning process and retention Processing and reviewing notes improves learning outcomes Taking their own notes means students identify deeper meaning The encoding-storage paradigm





Encoding The physical act of note taking helps us to process and categorize information Storage Reviewing notes helps us to retain and elaborate on information

Kenneth A. Kiewra, 'A review of note-taking: the encoding-storage paradigm and beyond', Educational Psychology Review (1989) 147-172.

There are common issues with note taking









"I get distracted and miss material"

"I can't listen and write at the same time"

"I don't know what is important to write down"

"I process things slowly and can't keep up"

Excerpts taken from a video where US students talk about addressing the challenges with blended learning under Covid conditions – <u>Blended Learning with Glean</u>

This impacts all students' learning

But this isn't an issue isolated to those with a disability or learning difficulty. Note taking is affected by common challenges with:

- Writing and listening skills
- Attention span
- Focus and concentration
- Executive functioning skills
 - Working Memory
 - Critical and flexible thinking
 - Managing distractions

95% of students with a learning difficulty struggle with note taking

Poll



Note taking accommodations

We asked 200 Disability Support professionals about their note taking accommodations







offered peer notes as their primary note taking accommodation believe improving student independence should be the main goal in providing support believe peer notes adversely affect student independence "Students with disabilities need the opportunity to take notes independently and in a way that is most effective for their learning experience."

- Assistant Director of Disability Services, Washington DC



Providing notes is not equitable for learning, giving access to a note taking process is.

Peer notes and transcription only give access to part of the picture:



Miss the experience of encoding and assessing value in the moment



More difficult and time-consuming to review information

Introducing Glean

Glean is a web and mobile based note taking tool that's designed to develop students' note taking skills.

Improve learning outcomes and compliance with a complete **note taking support solution.**



Glean is designed to help students who struggle with note taking + blended learning

The solution:

- Stay focussed and engaged in class
- Capture the required information
- Develop their own note taking and study skills
- Get better grades
- Gain independence and self-advocacy
- Develop the skills employers are looking for







Trialling Glean

Adopting Glean was a no-brainer for us; it's so simple to set up and use effectively. The free trial showed us how students would respond to this technology; they shared that it was very easy to use, and captured what they'd normally miss in class.

It's the most up-to-date support for note taking.

Lauren Accola Disability Services Program Associate



Over **440** Institutions are trialling Glean

And this, from a mature age student (and single mum) returning to study after a career in the military

- Has a mechanical and civil engineering background
- Has used Glean to capture over 200 hours of audio, create over 100 events and over 1500 notes.

"I had a lot of setbacks from the military. I don't have the memory that I used to so I'm a total and permanently disabled veteran. I'm easily distracted. My memory sucks, so I need to have a lot of repetition."

"I was never honestly ever taught the best way for studying, but when I was younger, I could always cram and do well. I was straight A's. I had a few B's here and there. Now I'm finding because of all the medical issues that I have, it doesn't work that way anymore. And so I have to constantly go over things. So being able to recall and go back over the audio (in Glean) is invaluable."



"Since getting access to Glean, my grades have dramatically improved."



Great notes, wherever students learn.

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