Beyond lecture capture – Innovative new uses for video education

Ravi Khakhar Panopto ANZ



Flipping the Classroom

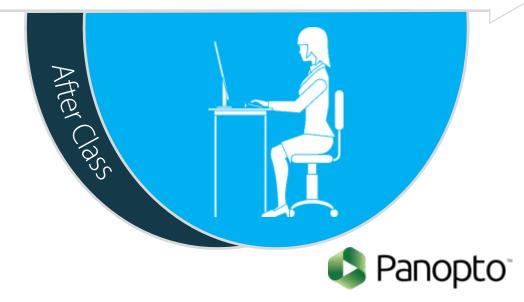
Students watch recorded lecture content in preparation for class.



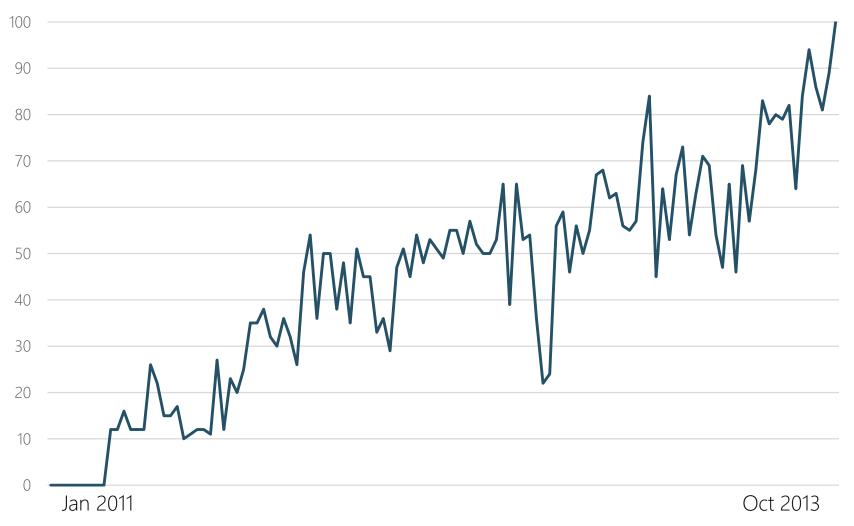
Students apply knowledge following feedback.



Students practice skills with their peers and lecturers to gain guidance and feedback.



The Rise of Flipped classroom





Source: Google Trends

Case Study

Science Centre Innovative Approach



Waikato – Demonstrations, Learner content and reflection

Methodology in Oxford University

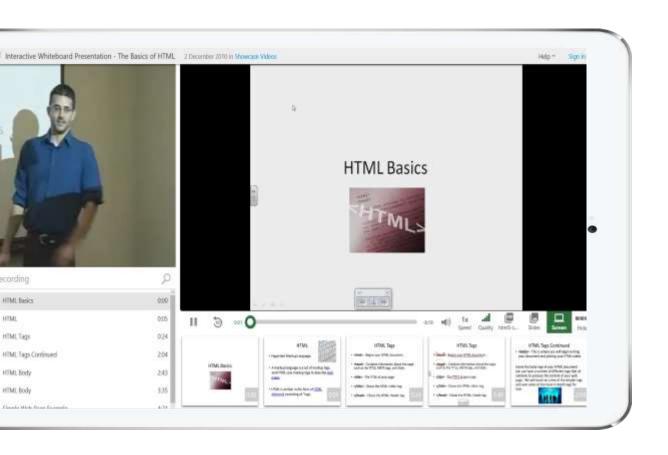


• Barker College, NSW K-12, flipping language





Flip the Classroom



Record "micro-lectures" in the office or the field

Students can view recordings on any device

Capture and upload video from mobile devices



Learner content



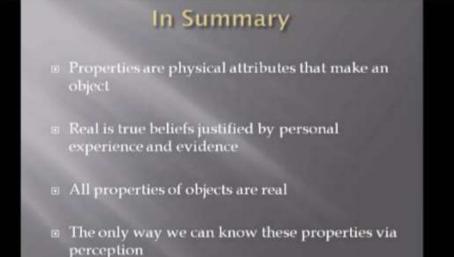
Flipping the teachers!

Peer review & feedback

Self reflection

Assessment





Screen Capture





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In Summary

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Learner reflection



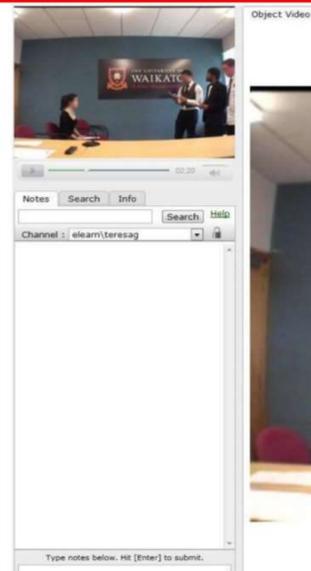
Reflection on performance

- Dragon's Den
- Languages
- Music
- Presenting

Post event review

- With teacher
- With peers
- Self



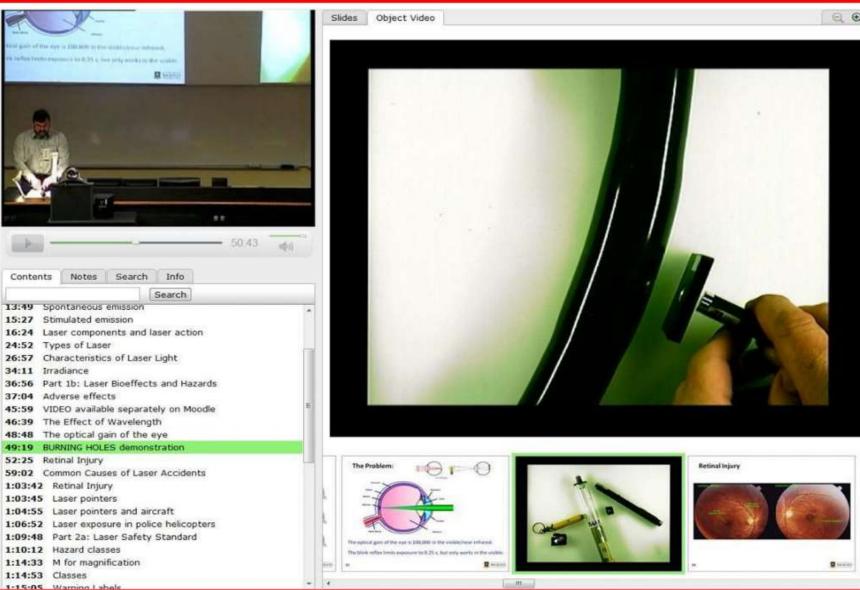




Demonstrations



Document camera
Secondary video
Tablets
High repeat events





Language learning



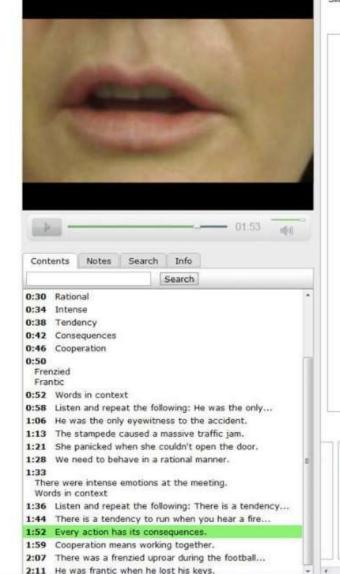
Pronunciation

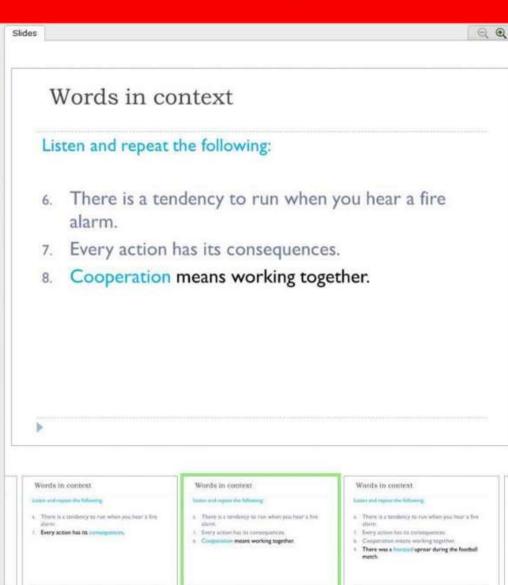
Mouth shape

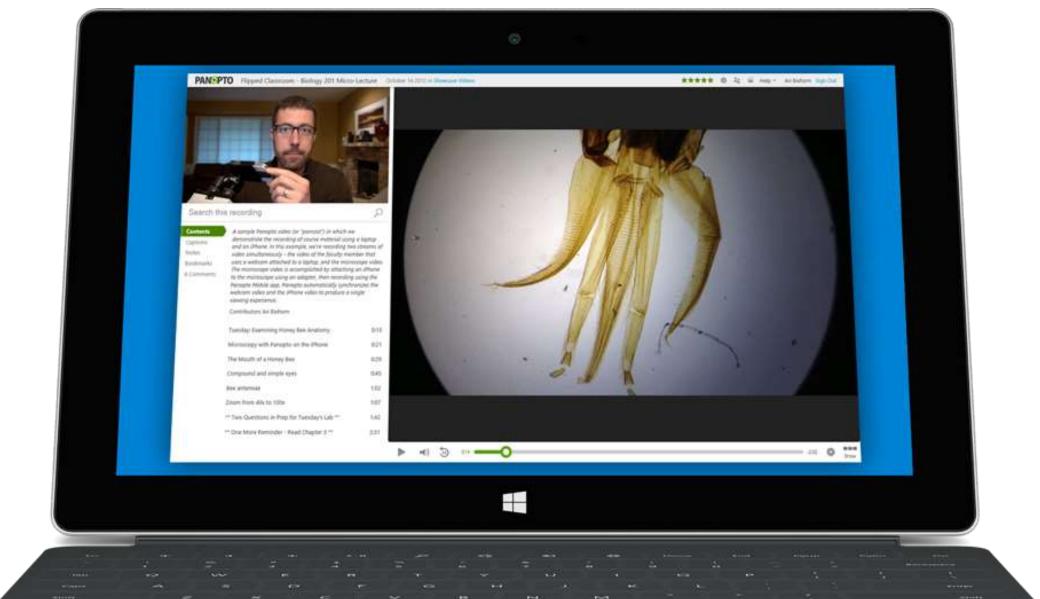
Repetition

Practise

Focus









User Cases

What's different to a podcast?

podcasts.ox.ac.uk



Publicly available, millions of viewings/downloads



Recorded lectures via WebLearn



Private, for on-course students or other university members (depending on access to the WebLearn site...)

Panopto

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Discovering a new tool for inspiring and engaging learners

At Barker College, teachers are challenged to "inspire each learner, every experience, every day. This means that they are constantly looking at ways to improve the learning environment for their students and integrate pedagogical best practices into the classroom. As a result of this continual drive to improve, school staff became increasingly interested in the possibilities offered by video as a learning tool. With the widely documented use of Youline and other online video platforms, teachers knew that their students were already well-versed in using video to teach themselves new skills. It made perfect sense, therefore, for the institution to start using video in a more structured way.

While staff were keen to start experimenting with video, their existing setup give them wery limited opportunities to record discisoom content. Consequently, they began to look for a solution that would support their ambitious new aims with video. They knew they wanted more than just a basic video repository and were looking for a platform that would allow them to:

- Employ the flipped classroom model, enabling them to record pre-class materials from a range of locations.
- Give students easy access to video content through a combination of live streamed events and on-demand recordings
- Enhance their offsite campus activities, which support indigenous groups in their risgion.

They wanted to deliver all of this with a platform that was both simple and secure. Having reviewed their options, they selected Panopto based on its ease of use and flexibility.

Barker begins using video in the classroom

During the initial roll-out of Panopto, Barker College focused on recording classroom content so that their students would be able to review lessons on-demand for revision purposes. Because Panopto is easy to install on laptops, smartphones and tablets, About the College

Barker College is an Anglican day and boarding school of just over 2,000 students steamed 25 bitometres to the north of sydney, Australia. Established in 1990, access for boys from pre-bindergarten to Year 12 and for qish from Year 10 to Year 12.

Total enrolment: 2,060 students Website www.balkernswedu.au

I'm still exploring all the possibilities and options that Panopto offers. In the first instance, I've been able to aggregate all my existing training videos from various external repositories and our own school server into one centralised and secure location. I can then edit and combine various sections in situ, and create snippets, clos and highlights quite easily, as well as being able to control who sees them. I've also been able to add PDF documents to videos to add more detail for learners.

Kelth Valls,
 Director of Curriculum – ICT,
 Radon College

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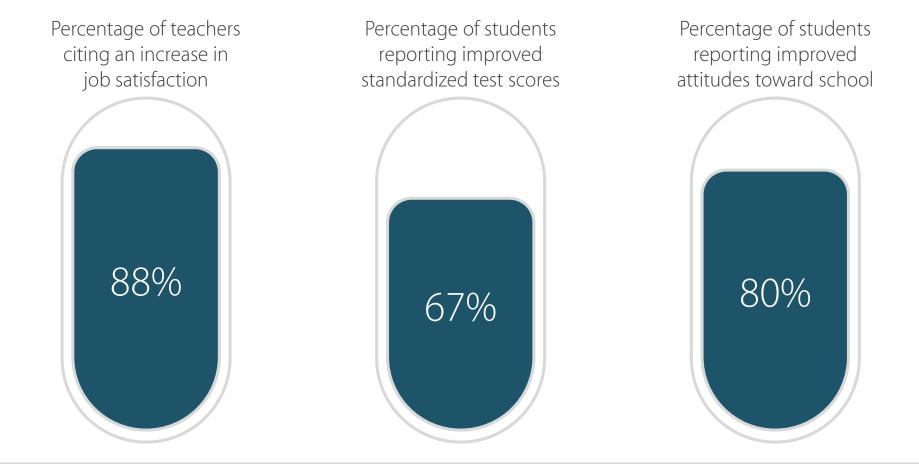


Student Achievement

- Improved exam scores
- Reduced failure rates
- Improved engagement at all levels
- Retention of Knowledge



Student and Teacher Satisfaction



"After flipping, I will never go back to traditional teaching methods."

"I have never seen my students work this hard or learn this much."

"Flipping has dramatically improved the number and quality of interactions with individual students."

What's Required





Pedagogy

Technology



Additional information

https://www.panopto.com/panopto-for-education/flipped-classroom/

White Papers and guides

Get in contact: anz@panopto.com



Technological considerations

Institutions flipping the classroom need:

- Consistent, accessible, secure video storage
- Support for recording video from any location with or without connectivity (including via mobile)
- The ability to capture anything and everything in a single video
- A playback experience for viewers optimised for mobile
- The ability to search inside video files for specific content



Many Ways to Flip

Traditional inversion

Faux-flipping

Discussion-oriented

Virtual flipping

Demonstration-oriented

Group-based flipping

Flipping the teacher

