**What is a lightboard?**

It is an illuminated glass whiteboard and related infrastructure allowing academics to face a camera while writing and being recorded.

**How is it used?**

An academic is filmed talking and writing on the lightboard while looking at the camera. The video is then uploaded to the LMS or used in class. Students could also use the lightboard for their assignments.

**Benefits of using a lightboard**

- New look but familiar style
- Replayable content
- Very easy to make
- Varied teaching style & methods
- Good for flipped classes
- Great for visual learners
- Reusable for multiple years
- Very engaging and popular
- Proactive & efficient delivery

**Why should I use it?**

It is an easy-to-use way to create engaging videos for students. There is no software to learn, just talk and write like you’ve been doing for years.

**Using lightboards in higher education**

As the educational landscape around us changes, adapting to the new digital revolution and the diverse educational needs and challenges of the 21st century student, the way we teach and learn must also change.

Using a lightboard to create short educational videos is a great way to bridge the gap between more traditional teaching methods and the new digital expectations of university learners. It also provides an easy way for adapting face-to-face teaching into online and blended modes of delivery.

From the student’s perspective, lightboard videos are engaging, personal and can be paused and repeated. They also can be viewed privately anytime on any device. They especially appeal to online, international and visual learners.

For a teacher, creating lightboard videos is a quick and easy way to transform the familiar ‘talk and chalk’ style teaching into the digital age. This technology-enhanced-learning tool has a low learning curve, can be done quickly and provides an ideal way to create personal and engaging learning videos.

**Tips when using a lightboard**

- Keep videos short
- Try to avoid smudges
- Plan & use side notes
- Speed up drawing lengthy diagrams
- Use point form & pictures
- Trace or pre-draw images onto glass
- Wear dark colours

**Limitations/Challenges**

- Not for a live face-to-face class
- Studio & editing required
- Not interactive - can’t answer questions

**Additional Resources**

- “7 Things you should know about lightboard Education Learning Initiative” https://library.educause.edu/~/media/Educause/Research/Reports/2014/7/Digital-Library.pdf?la=en

**Student Feedback from Users**

- “Innovative and engaging”, “lead to a greater understanding of the material”
- “This setup has many and advantages”, “student response has been very positive”
- “helps maintain a sense of connection”, “It would feel awkward to go back to a whiteboard”

**Positive Feedback from Users**

- “Efficient delivery
- Proactive & engaging”
- “Great for visual content & methods
- Varied teaching style & methods
- Good for flipped classes
- Great for visual learners
- Reusable for multiple years
- Very engaging and popular
- Proactive & efficient delivery

**Widely Used**

- Lightboards are used extensively in education at all levels, primary through to tertiary.
- Domestic examples: Monash, UNSW, UQ, University of Adelaide, USQ, Bond University, Federation University
- International examples: Harvard, Stanford, Chicago, Toronto, Singapore, Cornell, Duke, Udacity, Coursera

**More info:**

- “innovative and engaging” , “lead to a greater understanding of the material”
- “This setup has many and advantages”, “student response has been very positive”
- “helps maintain a sense of connection”, “It would feel awkward to go back to a whiteboard”

