

DiscoveryLabTM



- > **Positive, real-time video playback for easy and effective self evaluation**
- > **Create Time-efficient & objective Peer to Peer evaluation experiences**
- > **Teachers gain valuable insights into their teaching practice**
- > **Help teachers provide evidence of meeting AITSL teaching standards**



Discreetly installed cameras and highly sensitive microphones capture and record in Full High Definition as much or as little as you want of a lesson, PD training session or can be used to create Flip Learning content; all of which can be saved onto a USB memory stick for review or sharing at a later date.

DiscoveryLab™ is a Teacher-controlled, video recording system to give effective, real-time playback for teachers to gain valuable insight and feedback on their teaching practice.

PD Mode

This is the primary mode of operation for DiscoveryLab™. It gives educators real-time playback with teacher and student perspectives, giving them an excellent picture of exactly what is happening in the room. Couple this with high quality audio capture, DiscoveryLab™ gives a complete package to gain valuable insights into teaching practice for teachers. Primarily for self-evaluation of lessons, DiscoveryLab™ can also be utilised in peer-teaching observation groups, as well as sharing exemplary teaching practice with colleagues.



Lecture Mode

This recording mode give a picture-in-picture playback. It shows the content of the user's AV device (laptop/ iPad/tablet) with an inset picture of teacher/presenter as a smaller picture in the lower corner of the screen. The main applications for this mode are Flip Learning, in-house PD sessions and creating induction resources for new staff.

Research shows observation of classroom teaching, linked to timely and useful feedback that focuses on improvement, is a particularly useful tool for teacher development, and is the most commonly used form of evidence across OECD countries.

The Australian Teacher Performance and Development Framework AITSL

At the beginning of the cycle, the data from classroom observations helps you to set goals effectively and realistically as it gives you evidence in relation to your strengths and areas for development.



Throughout the cycle, the data from observations of your practice helps you to ascertain goal achievement and to continuously improve your practice.

At the end of cycle, the data from observations helps you to evidence your performance and development in your review discussion.

Main Seven Benefits/Applications of DiscoveryLab™

1. Self-evaluation

DiscoveryLab™ gives a teacher the ability to record their lesson direct to USB and gain valuable insight into their teaching practice. Whether you discover positive teaching or ways to make positive changes, DiscoveryLab™ allows you to view “observable truths”, where the feedback is objective, rather than subjective (through another person).

2. Peer-to-Peer Observations

Many schools are using peer-to-peer observations to gain feedback of a teacher’s practice. Whilst teachers gain feedback in this model, DiscoveryLab™ cuts through the barriers of perception, personalities and changed classroom dynamics to give a realistic, real-time evaluation tool for teachers to gain objective and measurable feedback.



3. Triad team observations

The Triad system present the challenging dynamics of timetabling these sessions, which often occur on an irregular frequency. It also creates the same issue of “changed classroom dynamics”. DiscoveryLab™ solves these problems by having recording done in a natural classroom setting, recording direct to USB, which allows teachers to review the lesson at a time convenient to every party involved. Using this tool allows for many more observations to take place throughout the year.

4. Provide evidence for meeting AITSL standards

Using the medium of video, DiscoveryLab™ provides a unique resource (recording) for teachers to observe their teaching objectively. This allows the teacher to provide accurate and measurable data as evidence of achievement of specific teaching standards.

5. Sharing exemplary practice; encouraging teachers

Ultimately, good teaching should be shared and acknowledged. DiscoveryLab™ recording of any given lesson to be shared with other colleagues can observe exemplary practice that is relevant to their schools pedagogy and culture. This in turn, can create an ongoing culture of encouragement and support for all teachers in their professional practice.

6. Know Thy Impact

Educational researcher John Hattie in his book "Visible Learning for Teachers", advocates Microteaching as an approach that can have a high impact on student achievement.

DiscoveryLab is a powerful tool for teachers to reflect objectively on their teaching practice. When this tool is coupled with a structured approach (such as an instructional coaching model), this is very effective in gaining objective feedback on teaching practice.

7. Flipped Learning Model

What is Flipped Learning?

The flipped classroom describes a reversal of traditional teaching where students gain first exposure to new material outside of class, usually via reading or lecture videos, and then class time is used to do the harder work of assimilating that knowledge through strategies such as problem-solving, discussion or debates. (Vanderbilt University, Center for Teaching)

DiscoveryLab assists schools who use this model to quickly and easily record content for Flipped Learning and share it with students or other teachers to use.

Technical Features

- Full-HD recording ability
- Mpeg 4 compact recording format
- Ability to save directly to Network Drive (if required)
- Ability to stream content live (if required)
- VGA & HDMI input capable



Options

- PTZ camera (Pan, Tilt, Zoom)
- Wireless Microphone
- Confidence display (see what will be recorded before you start)
- Touchscreen control panel



For more information about DiscoveryLab™, please contact DIB Australia on (03) 9457 4800 or info@dibaustalia.com.au
9-11 Percy St, Heidelberg West, Victoria, 3081