

WESTERN SYDNEY
UNIVERSITY



THE DRAWING BOARD

REFINED CONCEPT - NOV 2021

To genuinely help academics by streamlining some elements of their lesson planning whilst promoting creativity and student engagement.



HOW WE GOT HERE

ITERATIVE DESIGN BASED ON FEEDBACK

Summary:

- Iterative cycles of refinement based on survey feedback and interviews with LaTTe members
- Goal was to create an easy-to-use, platform agnostic tool for planning lessons
- Create a testable prototype for teaching academics to provide feedback for design decisions

Prototype features include:

- Easily switch from teacher-centred activities to student-centred activities
- Provide users with pedagogical categories to filter activities
- Consideration of modes of delivery
- Integration with the hub to create a system that goes from theory to practice
- Can be extended and modified further
- User friendly

COMMENTS FROM OUR RESEARCH

Design at
different
levels

Different content
delivery for
different modes

Contextualise
the learning
objective/s

Adaptive
and movable
sequence

What is the gap
we are helping in
the situation?

Teaching
cannot
be prescribed

Keeping track of
student's cognitive
load is important

Start with a
theme or topic

Define the
pathway or mode
for the tool

Creating an
outline to flesh
out

Teaching?

Technology?

Any proposed
time-saving
solution needs
to be easy to use

Immediate link to
The Hub

Start with
Learning
Outcomes

Living in a
shared
digital space

Collaboration
is important
and key

Teaching staff are
comfortable
with MS Word

Should easily
slide into teaching
staff's current
lesson preparation
process

KEY FEATURES AND BENEFITS

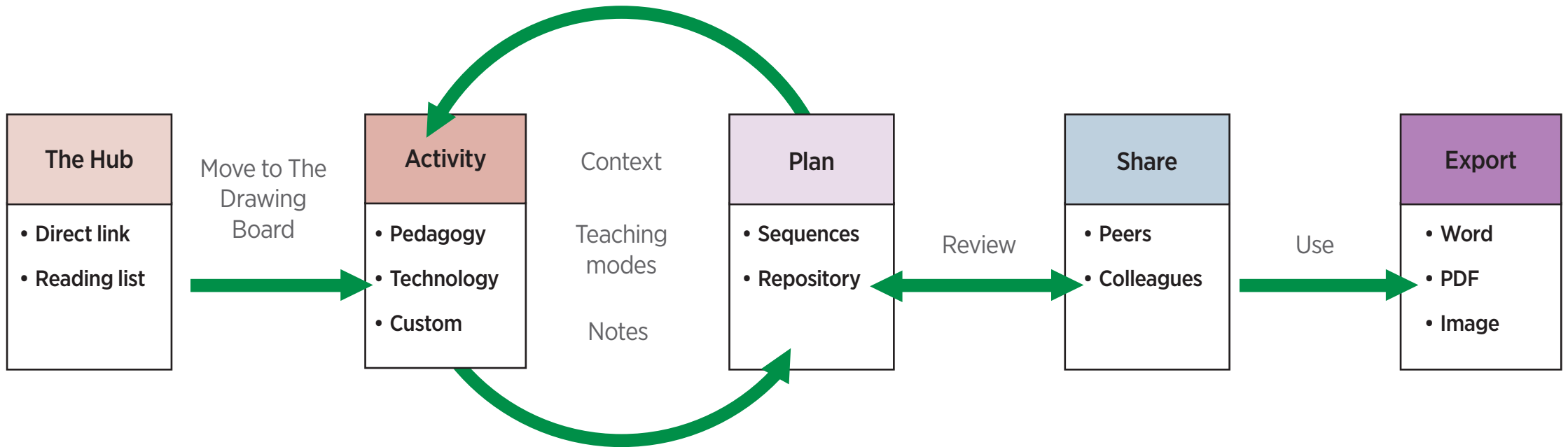
FROM FEEDBACK, INTERVIEWS AND TESTING

What it needs to be:

- **Easy to use:** in the cloud with simple UI
- **Collaborative:** with peers and colleagues
- **Reflective:** introspectively and professionally
- **Usable:** producing an efficiency saving and solves a need
- **Flexible:** allowing for freedom but guidance is available
- **Fluid:** being connected to The Hub
- **Integrated:** by becoming part of current work processes
- **Adaptable:** the different needs of teaching modes

THE DRAWING BOARD

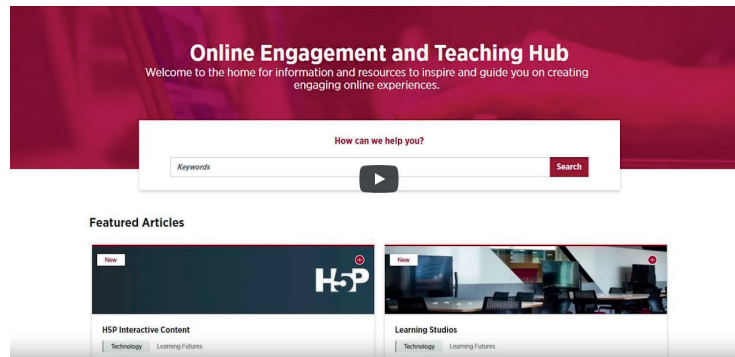
PROPOSED NON-LINEAR FLOW



KEY FEATURE SET #1

INTEGRATION WITH THE HUB

The Drawing Board seamlessly integrates with the content on the Hub

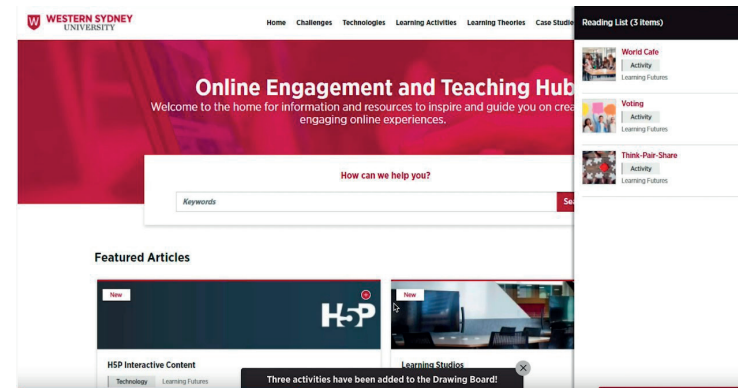


PART OF THE HUB MAIN UI

The Drawing Board is a natural extension of The Hub and is easily accessible at any time through the main navigation UI

<https://youtu.be/9vWkISILy3A>

[Panopto video link](#)



THROUGH THE READING LIST

The reading list isn't just for collating PDFs, you can add your these article to The Drawing Board where they can be added to activities, blocks or part of the final output.

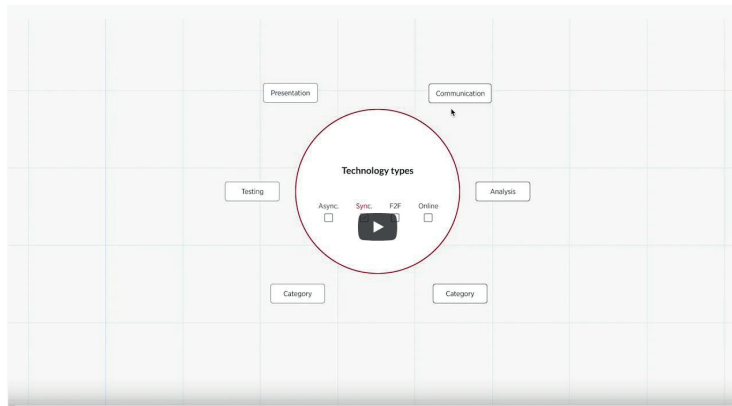
<https://youtu.be/FqW2qOR7bbs>

[Panopto video link](#)

KEY FEATURE SET #2

ACTIVITY AND PLAN LEVEL

Use the intuitive interface to create an engaging learning experience

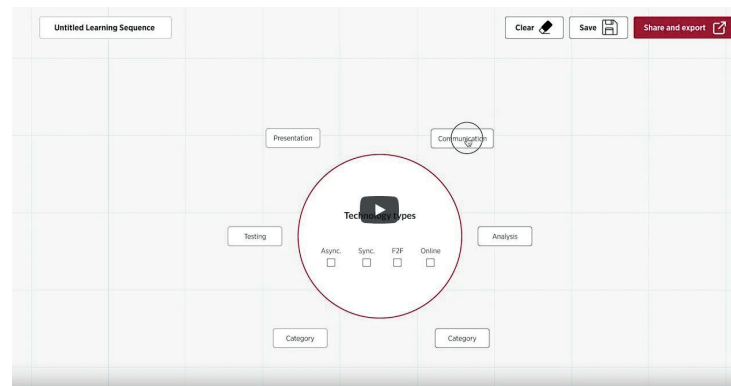


ACTIVITY

The basic building element of TDB, defining an activity for students. Start with pedagogy, technology or a blank slate

<https://youtu.be/ZRT3runhNss>

[Panopto video link](#)

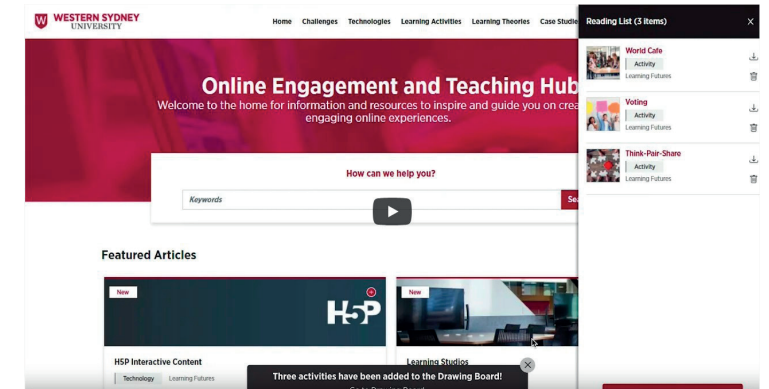


PLAN

Your plan now has an activity linked. Add more to create a lesson plan. Move activities around, delete, copy, edit and add until it meets your needs.

<https://youtu.be/mpS-OgkTpIA>

[Panopto video link](#)



USING HUB READING LIST

You've imported your reading list into TDB. Use these as the starting points for creating activities or plans

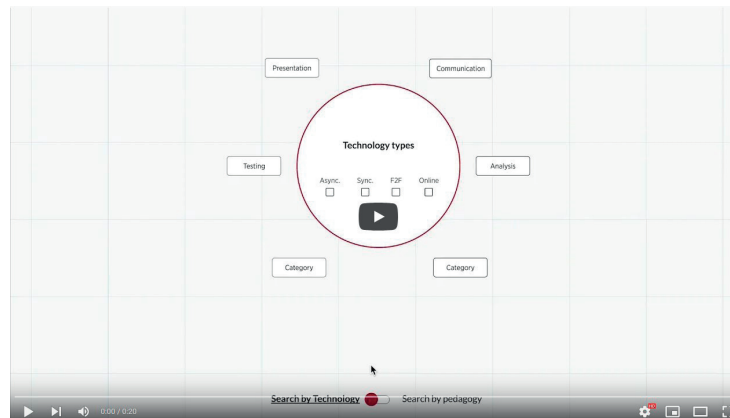
<https://youtu.be/cAf51jzOJRE>

[Panopto video link](#)

KEY FEATURE SET #3

CHOICES , MODELS AND MODES

Many different pathways and tools to assist in creating engaging lesson plans

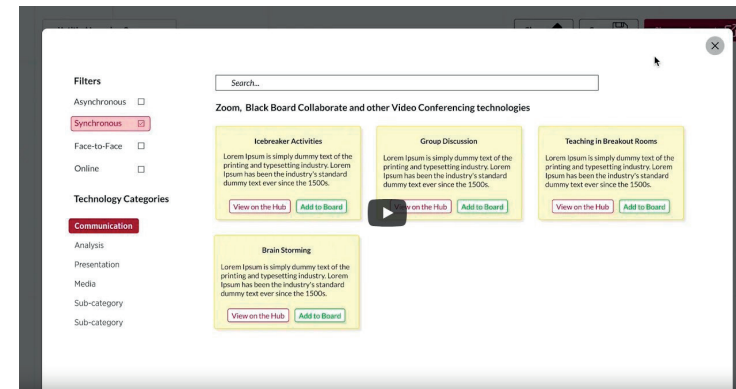


PEDAGOGY

Different pathways into lesson plan construction providing pathway options and perspectives on learning design principles

<https://youtu.be/gNKhpCd14A>

[Panopto video link](#)



TEACHING MODES

Showing choices for replacement, equivalent and fresh activities and learning design concepts for all the current teaching modes at Western: Face-to-Face, Asynchronous, Synchronous and Online.

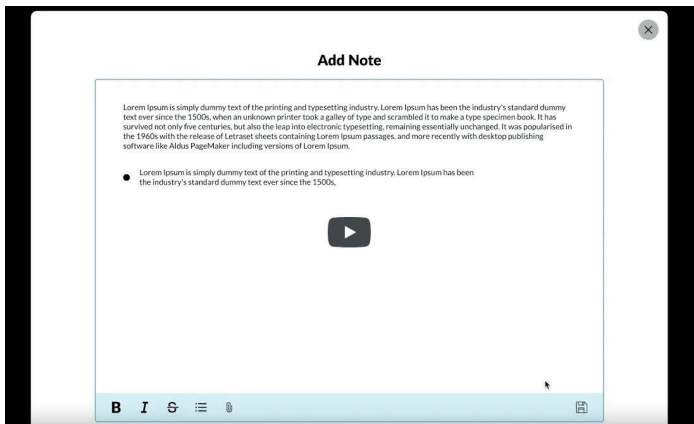
<https://youtu.be/wRZtugRsfeQ>

[Panopto video link](#)

KEY FEATURE SET #4

NOTES, COMMENTS & SHARING

Collaborate with peers by sharing, commenting and adding notes to your blocks and plans

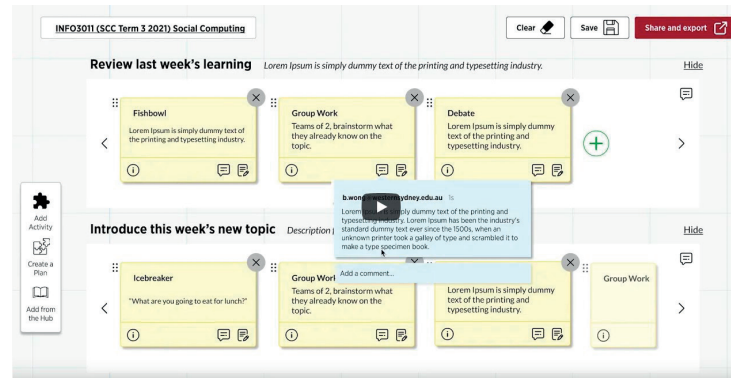


NOTATION

Add your own notes to an activity alongside or instead of information from The Hub

<https://youtu.be/jtUrAJGwON8>

[Panopto video link](#)

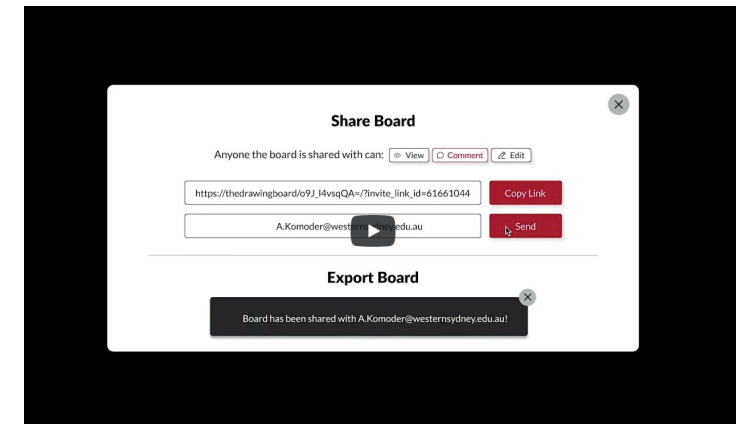


COMMENTS

Gather peer review comments from colleagues and supervisors

<https://youtu.be/bFzgPmmy3ZY>

[Panopto video link](#)



SHARING

Share a board with ability to control what other users can edit or comment on

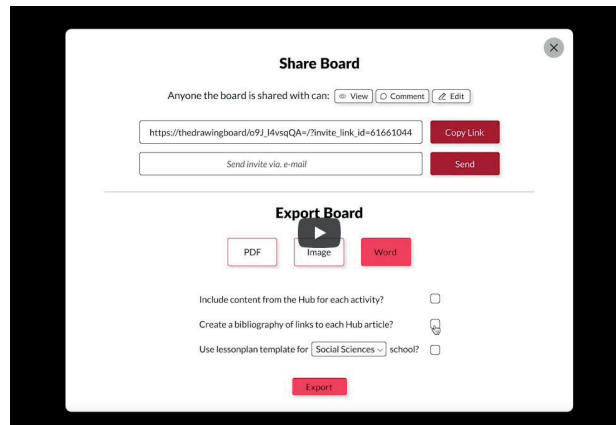
<https://youtu.be/y6K4-2xUCeM>

[Panopto video link](#)

KEY FEATURE SET #5

USABLE OUTPUT

Creating an output that aligns with work practices to create efficiency

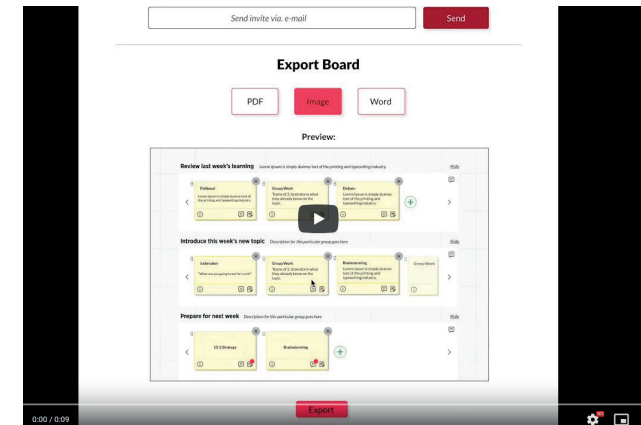


WORD DOCUMENT

Select a series of options that turn your word document into a shareable lesson plan with or without The Hub information

<https://youtu.be/EntX2dJpZuo>

[Panopto video link](#)



PDF OR IMAGE

Sometimes you just want to see the visual map of what is being designed

<https://youtu.be/1PFtVZu4oR8>

[Panopto video link](#)

FEEDBACK

SURVEY LINK



We would like as much feedback as you can give on these concepts and key features.

[Qualtrics survey](#)

NEXT STEPS

CONCEPT TO REALITY

- **Testing prototype released in early 2022**
- **Continuing feedback on prototype for iterative updates**
- **Develop the back-end system throughout 2022**
- **Develop the front-end system from mid 2022 onwards**
- **Launch target late 2022 / early 2023**

