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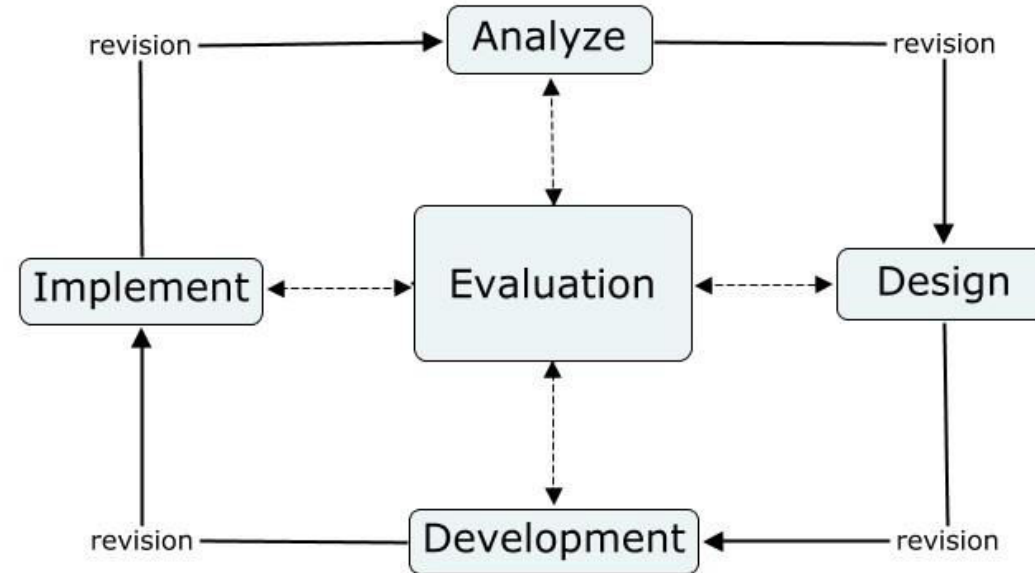
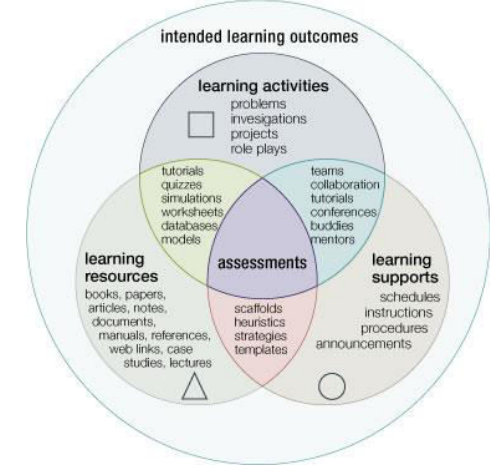
Flinders
UNIVERSITY

Synchronous and asynchronous academic support for online students:
a review of technological tools



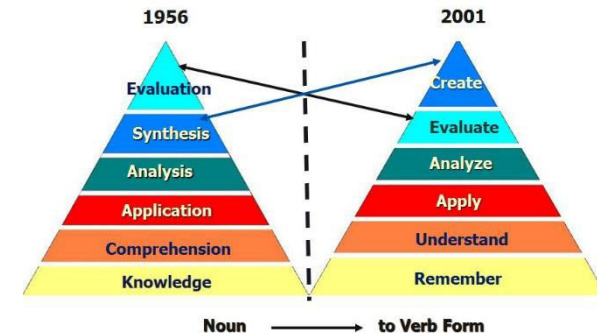
Diagram 1: Components of a learning design Oliver and Herrington (2001)

AIDDE



Morrison, Gary R. (2010) Designing Effective Instruction

David R. Krathwohl A Revision of Bloom's Taxonomy: An Overview. THEORY INTO PRACTICE, Volume 41, Number



Send a link

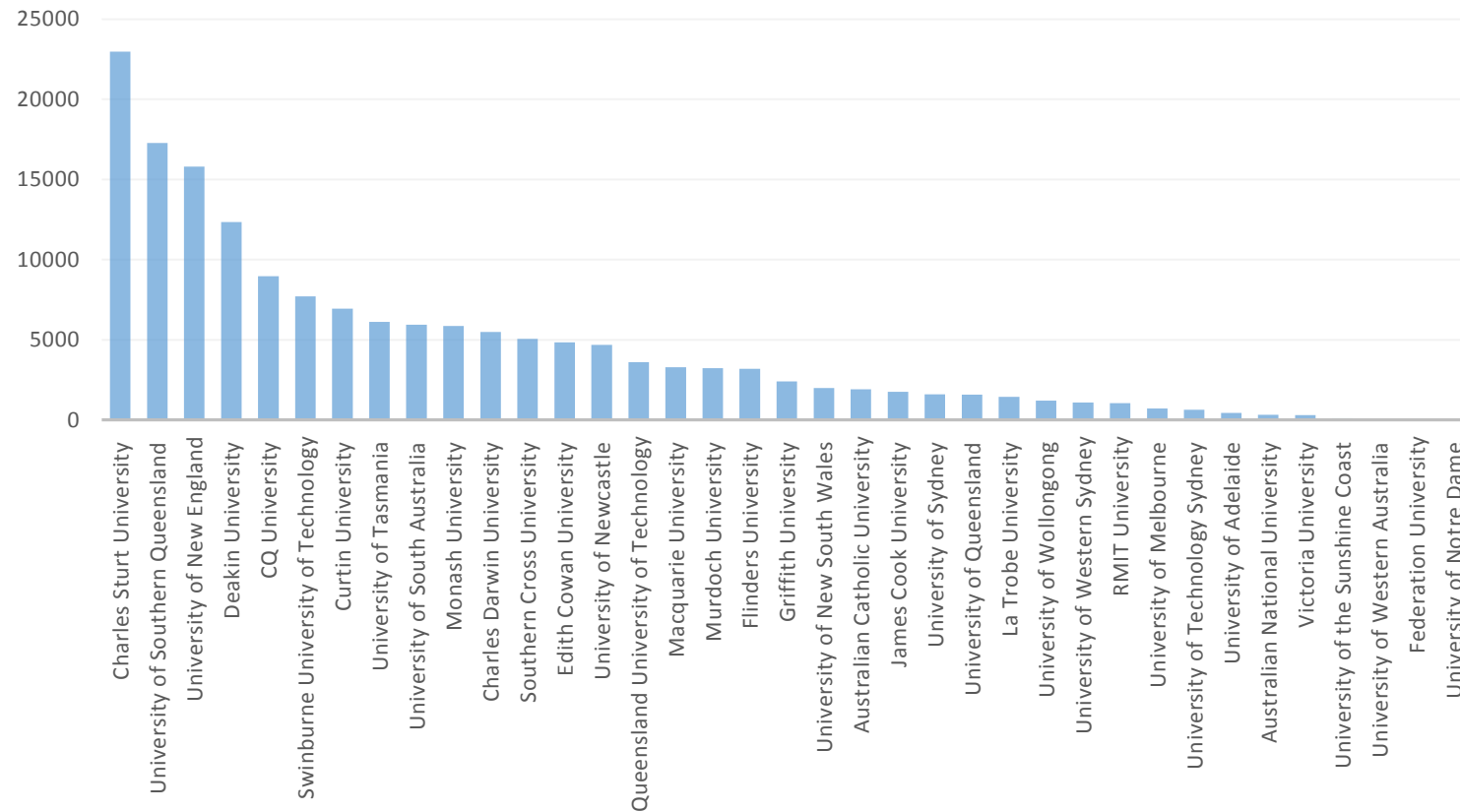
- <https://au.bbcollab.com/guest/a8d4725e15264cc0bf31ab053de99d2b>

Research Objective

- The potential of an effective in-sourcing solution to a current institutional, and to some extent, nation-wide need to support online students.
- BC and AC for academic skills support and development to 1) embed discipline specific academic skills within online courses and 2) embed generic academic skills programs across online courses, or 3) as an online “Virtual Drop-In Centre”.

Distance Education Student Numbers by Australian Universities

Figure 1: Distance Education Student Numbers in Australian Universities



Dianati & Schubert (2017) Synchronous and asynchronous academic support for online students: a review of technological tools

ASK Editing and Proofreading_SD - PowerPoint

File Home Insert Design Transitions Animations Slide Show Review View Mix ADOBE PRESENTER EndNote X3 ACROBAT Tell me what you want to do... Saib Dianiati Share

Slide Recording Record Quizzes Videos Apps Recording Screenshot Insert Video Insert Audio Preview Upload to Mix My Mixes Export to Video Export to SCORM Publish to O365 Video Using Mix Send Feedback Help Office Mix Update Tutorials Support Update

1 Editing and Proofreading
Presented by Dr. Saib Dianiati

2 Editing Vs Proofreading
What is the difference between editing and proofreading?

3 Editing Vs Proofreading
What is the difference?
• Editing is at a larger scale. It deals with how material is organized, presented and structured (Paragraph level).
• Look for whether your argument flows. Are your points clear? Have one idea per paragraph. Put your topic sentence first.
• Proofreading is at a smaller scale. It deals with expression, syntax, grammar and spelling (Sentence Level).

4 First watch these 10 tips of editing and proofreading

5 General Principles

Student Learning Centre Academic Preparation Program

Editing Vs Proofreading

What is the difference between editing and proofreading?

Incorrect
Please try again!

Select the correct answer

Editing is on the paragraph level related to structure, flow and presentation while proofreading is related to sentence level grammar and syntax ✓

They are both the same ✓

They both relate to checking grammatical mistakes ✓

Edit Terms Privacy & Cookies Submit

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Slide 2 of 24 English (Australia) 115%

Dr. Saib Dianiati

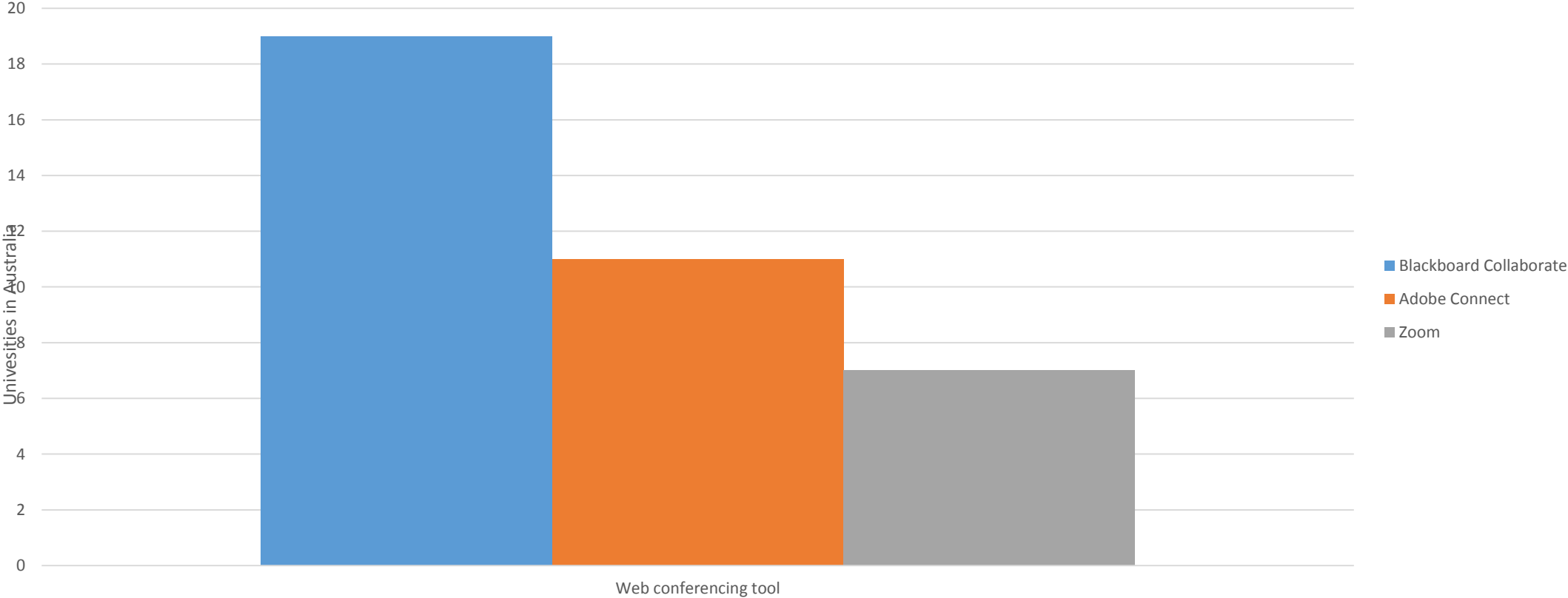
Literature review

- From the 'fringes' into a core part of the curriculum
- Transforms a deficit, remedial, and reactive service into a proactive, strength-based approach.
- learner-to-content, learner-to-learner, learner-to-instructor and learner-to-interface interaction
- Prior knowledge, cultural background, and academic support were not well-considered.

Literature review

- One key recommendation from the literature was the need to adapt content, communication style and method of interaction for online delivery
- Barnhart and Stanfield (2011) advised on cutting content down compared to what they would normally deliver in a traditional lecture
- Send email to connect students 2) don't do too much 3) make them collaborative 4) get feedback and 5) be prepared

Different Web Conferencing "Virtual Classroom" Software usage



Recommendations

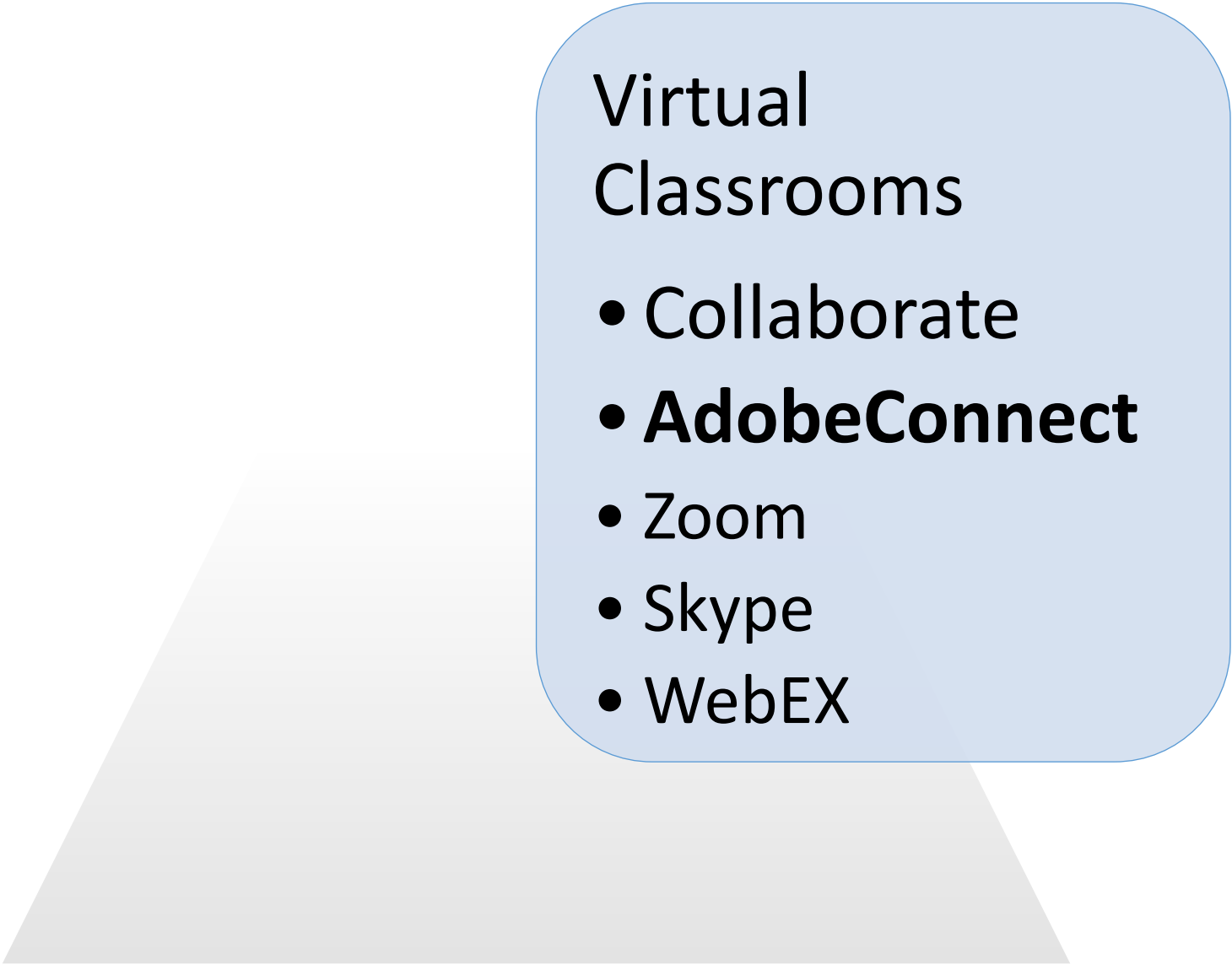
- 1) to schedule a practice run meeting for familiarity;
- 2) multiple channels to remind students of meeting date and time;
- 3) send meeting announcements and changes well ahead of time;
- 4) select the best layout for students depending on the number of students (i.e. class presentation vs small group discussion);
- 5) upload lecture material ahead of time to AC;
- 6) have a plan B if communication breaks down.

Ground rules were recommended to be adhered

- 1) mutual respect
- 2) everyone contributes
- 3) no criticism of speaker while speaking
- 4) communicate clearly
- 5) no interruptions
- 6) only one person speaking at a time (Armstrong and Thornton 2012)

Literature Review

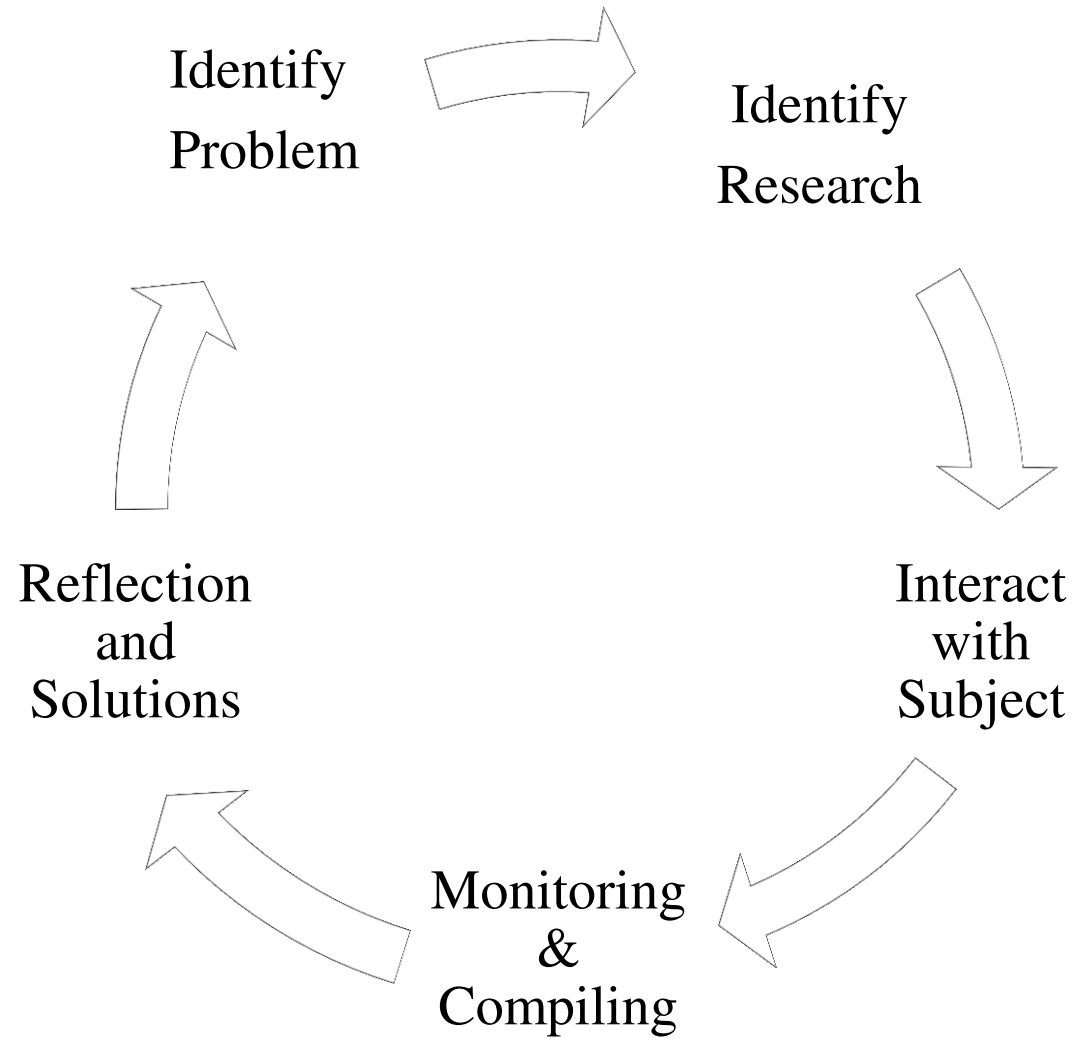
- The benefit of BC over AC is that it provides a phone conferencing feature so if students experience internet issues, they can call the session phone number and enter a unique pin to still participate in class (Jones & Hansen 2014).
- Vu and Fadde (2013) who found that in AC, students were more likely, and preferred to chat more often, using the keyboard function, more so than video or audio discussion
- Hudson, Knight, & Collins (2012, p. 37) “further studies are warranted to determine what features can enhance student participation, motivation, and achievement in real time, synchronous environments”.



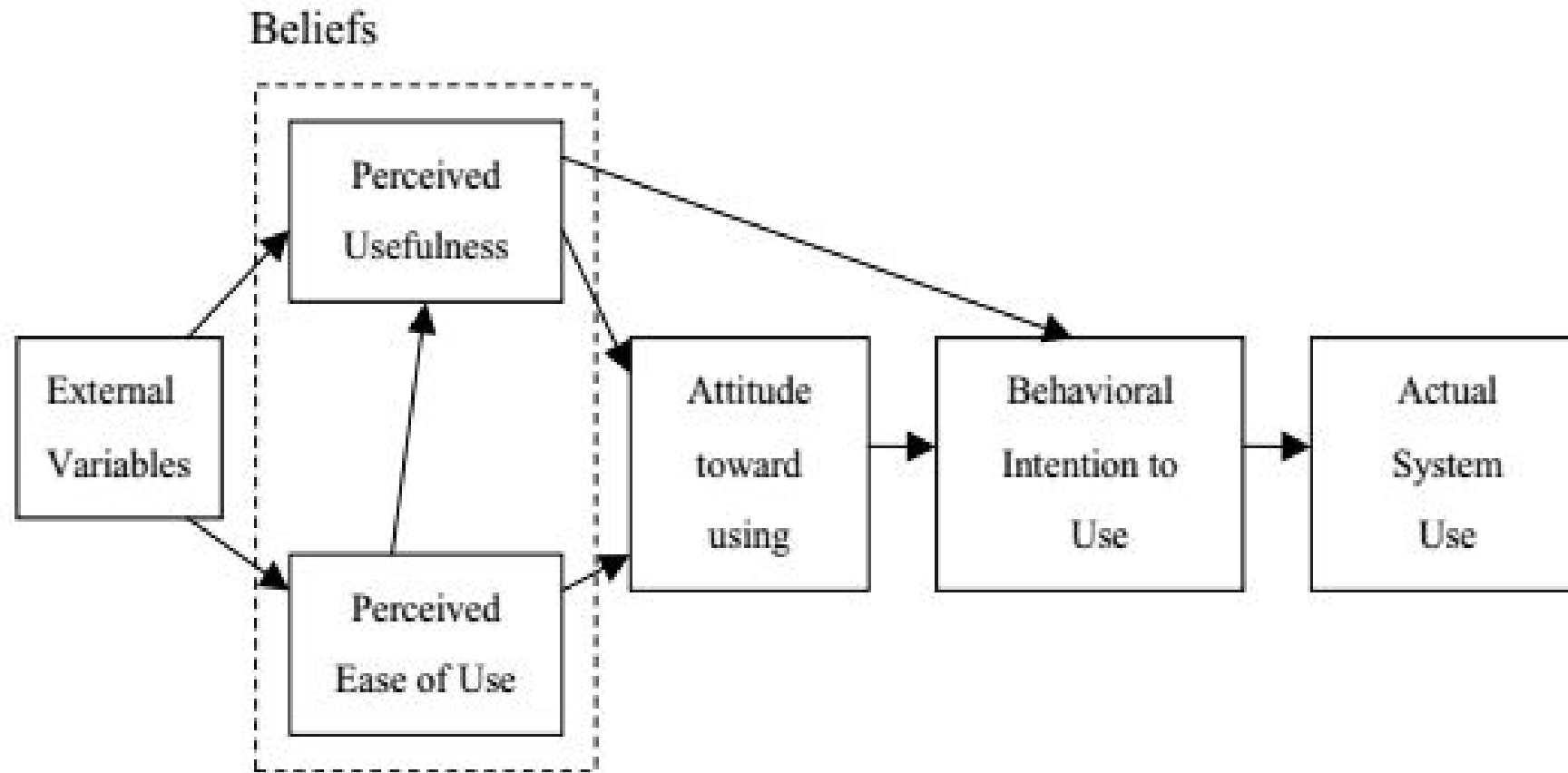
Virtual Classrooms

- Collaborate
- **AdobeConnect**
- Zoom
- Skype
- WebEX

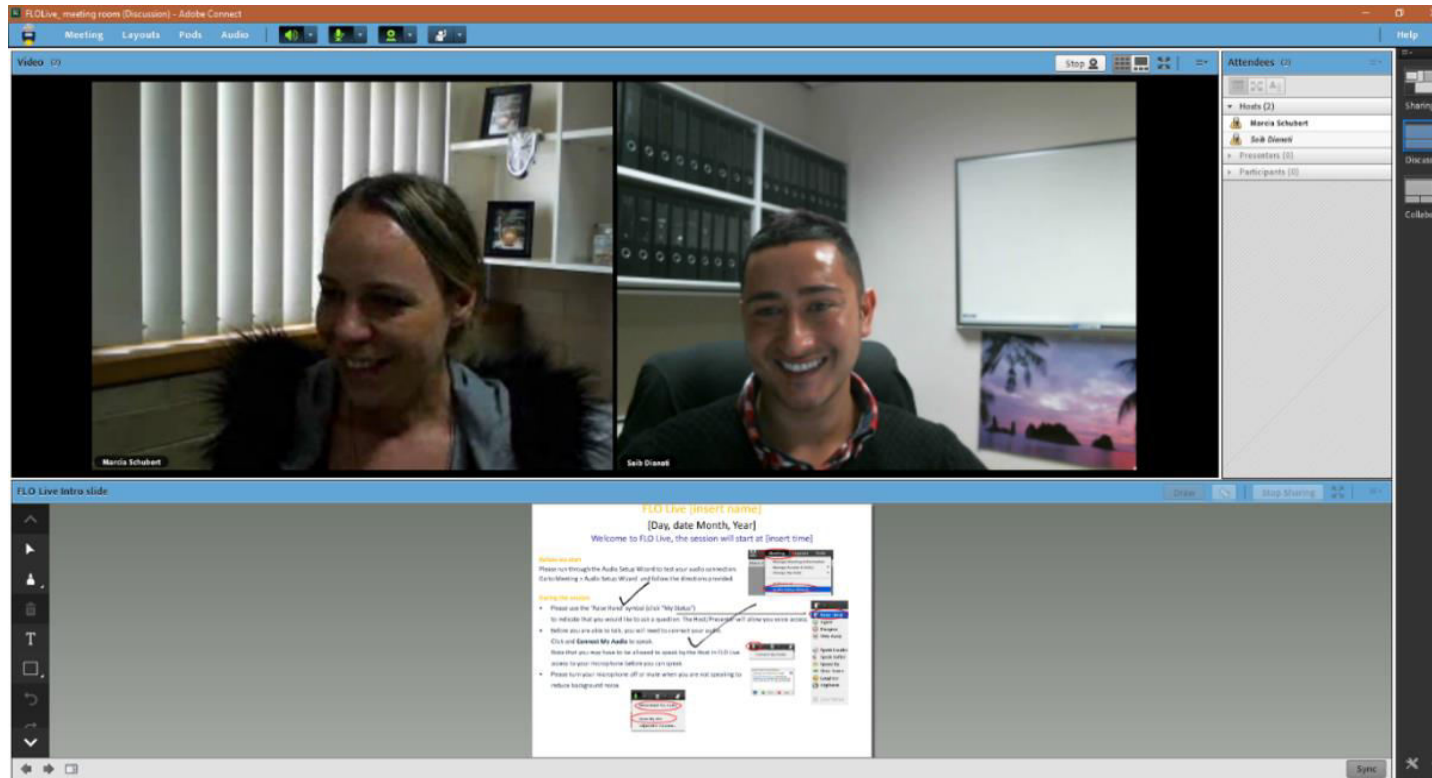
Research Methodology



Technology Acceptance Model

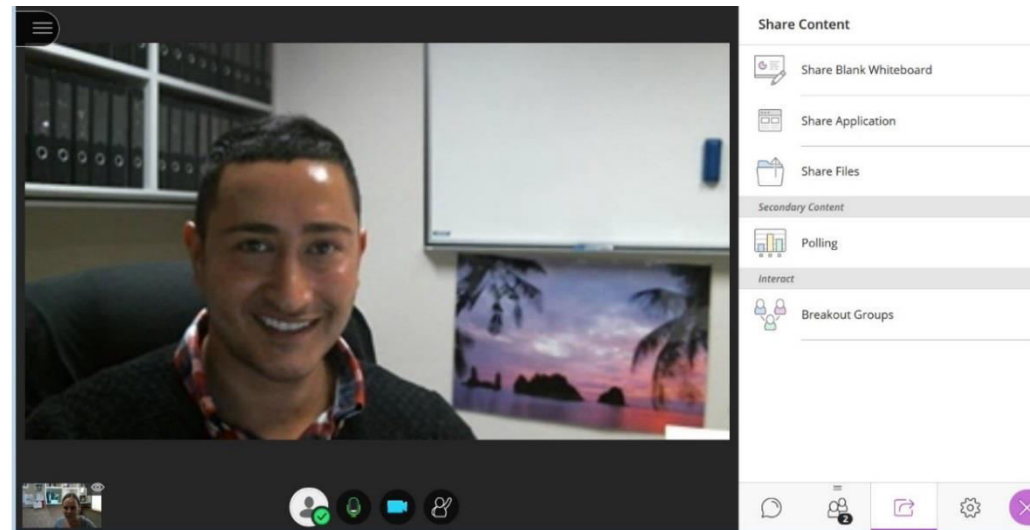


Adobe Connect



- While both BC and AC offer similar features (see Appendix B), BC is more predominantly used in a learning environment.
- BC has the benefit of developing reoccurring appointments, beneficial for institutions considering a 'Virtual Drop-In Centre'
- Extremely beneficial, particularly when e-Learning sessions were scheduled before assignment due dates

Blackboard Collaborate



Breakout Rooms

- For ALL lecturers, 'breakout rooms' in AC and BC provide an avenue to foster greater peer-to-peer interaction. The purpose here is to decrease social isolation, which is often felt in online environments.

Recommendations

- 1) *Provide technical support.* It is helpful to have a technical person to sit in on the first session to support staff and students;
- 2) *Set protocols in the first session.* For example, if there is more than one participant, ask participants to mute their microphone when they are not talking to reduce background noise;
- 3) *Make the session interactive by using the various sharing functions.*
- and 4) *Remind students of the upcoming session* by sending the link to the prior to the session

- little attention has been paid to student training of web-conference virtual classroom software (Heiser, Stickler, & Furnborough, 2013).
- A multi-literacies approach that explicitly addresses digital literacies should be included to ensure that students can effectively use the program (Miller, 2015; Miller & Schulz, 2014; Roche, 2017).

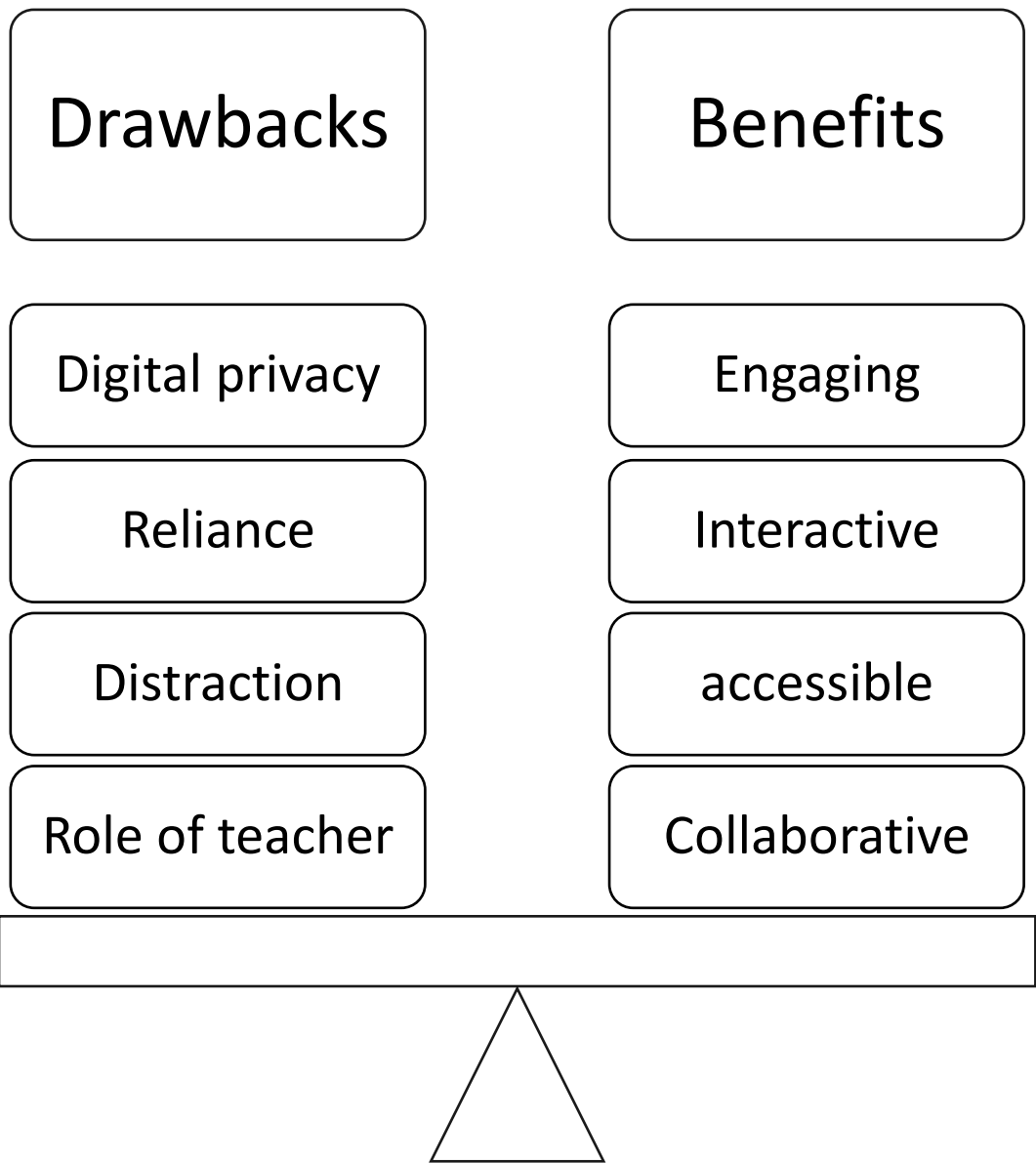
Which one?

- A benefit of BC over AC is that participants can enable their own webcam and microphone, instead of relying on the host to enable the participant's microphone or webcam first.
- Academic staff found that BC's most useful function was the phone conferencing feature which provided students with the option to phone in and join the session if they were having trouble with their microphone, webcam or internet connection.
- Due to bandwidth saturation, both tools worked best when the number of webcams was limited to a maximum of five at a time.
- . Another benefit of BC over AC is that students can use the subject 'course room' at any time to meet with other students or to test their equipment, without the need for the moderator or host to be present

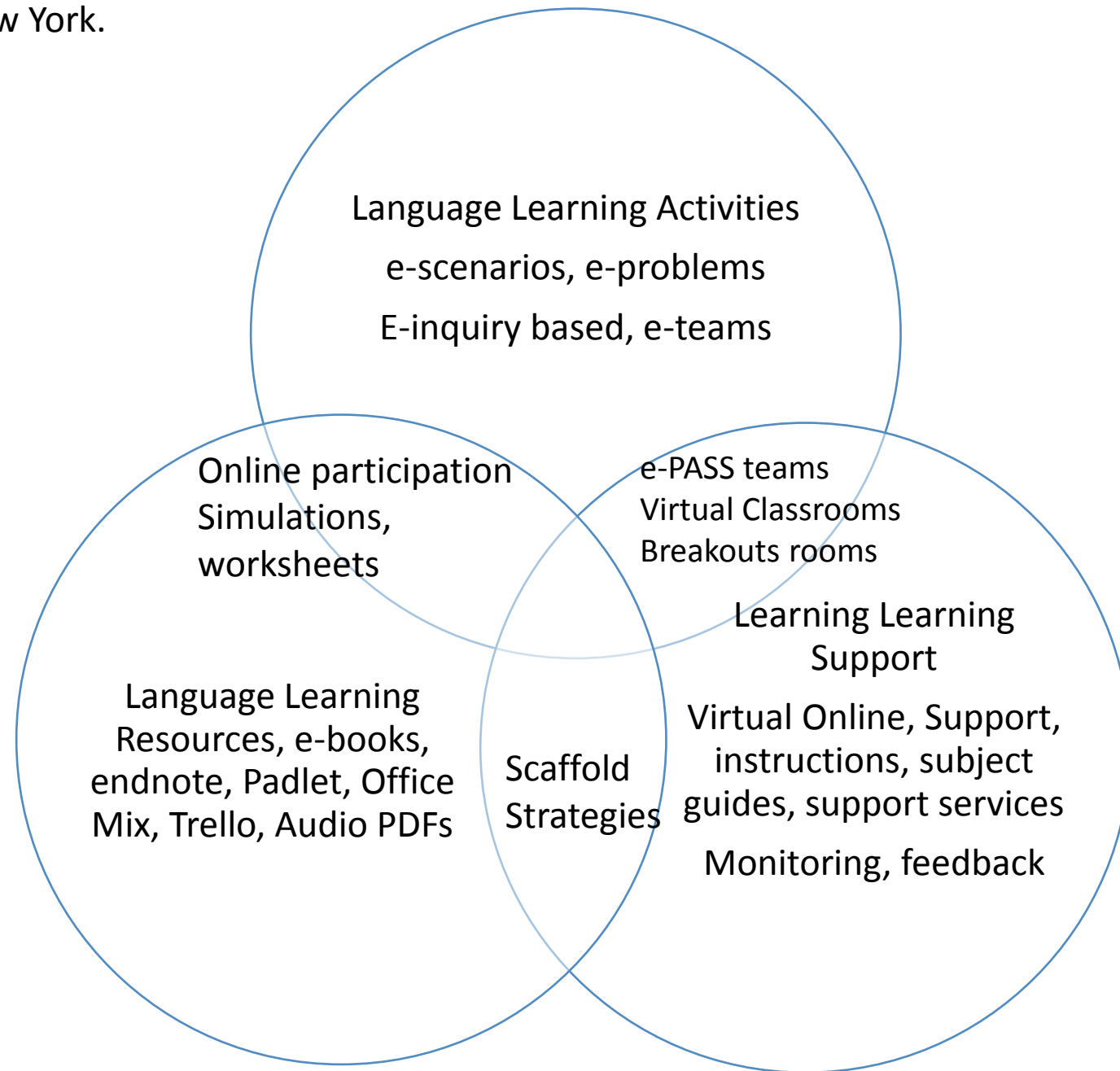
Recommendations

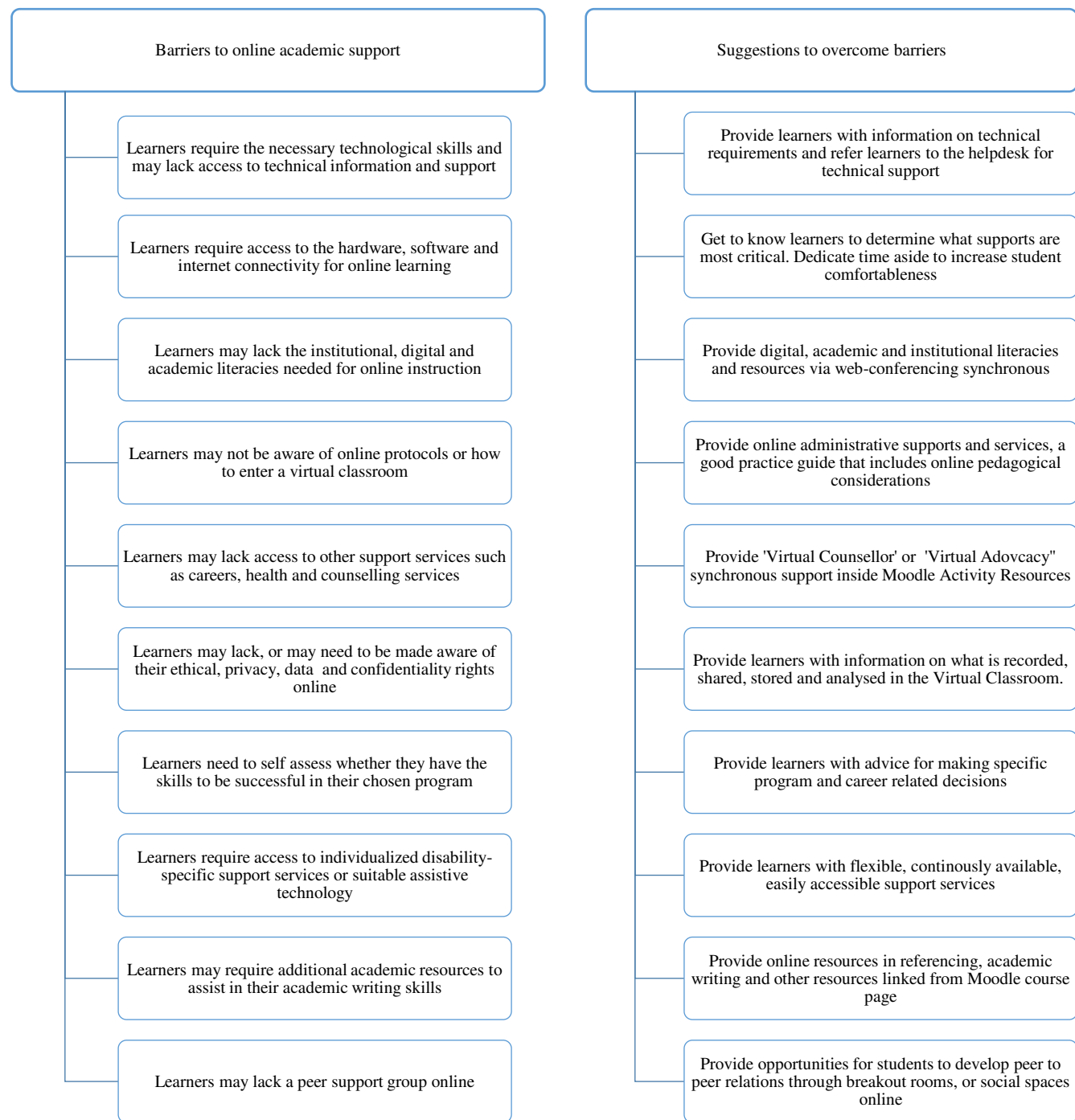
- 1) *Provide technical support.* It is helpful to have a technical person to sit in on the first session to support staff and students;
- 2) *Set protocols in the first session.* For example, if there is more than one participant, ask participants to mute their microphone when they are not talking to reduce background noise;
- 3) *Make the session interactive by using the various sharing functions.*
- 4) *Remind students of the upcoming session.* Post an announcement in the LMS or use an appointment-booking tool such as Moodle's Scheduler tool for students to book appointments for one-on-one academic support

- The consensus of feedback received from academic staff, after receiving training in both BC and AC, was that BC was easier to use and more useful due to its simplicity of design.
- While there has been a rapid move to introduce commercial outsourcing services, two effective, no-cost, in-house asynchronous and synchronous solutions that involve minimal training have been offered in this paper as practical solutions to compliment the important work of ALL in academia.



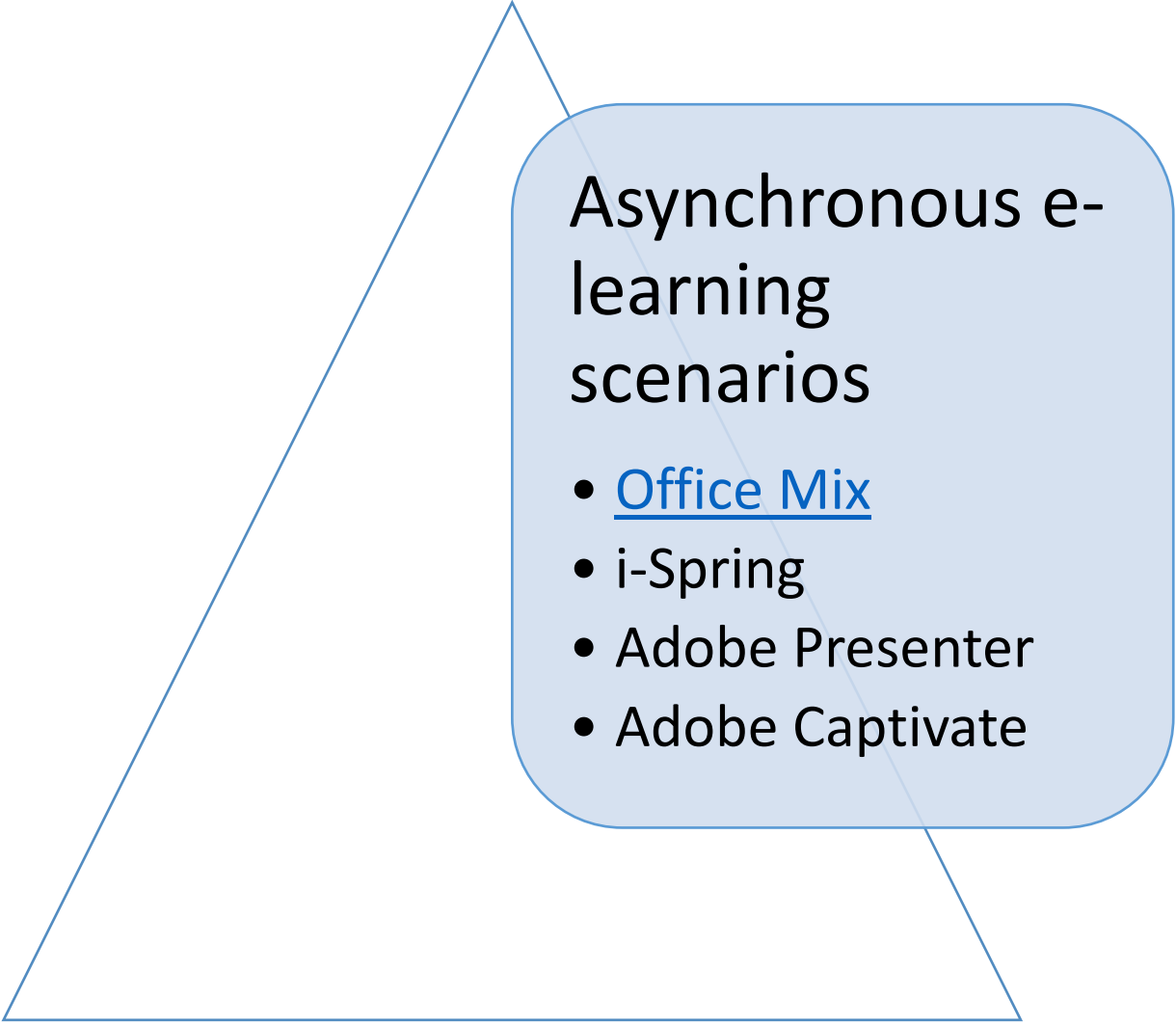
Herrington, J., Reeves, T.C. and Oliver, R. (2010) A Guide to Authentic eLearning. Routledge, New York.





Real-time collaborative streaming

- [Padlet](#)
- Wordcloud
- UQ wordstream
- [LearnSpace TesTeach](#)
- [Sketchboard](#)
- Tag Crowd





Asynchronous e-learning scenarios


- [Office Mix](#)
- i-Spring
- Adobe Presenter
- Adobe Captivate

Design













Share Content

 Share Blank Whiteboard


 Share Application


 Share Files


Secondary Content


 Polling


Interact


 Breakout Groups















FLOLive - meeting room (Discussion) - Adobe Connect

Meeting Layouts Pods Audio



Help

Video



Attendees (3)

Hosts (2)

Marcia Schubert

Seth Dineen

Presenters (0)

Participants (0)

Sharing

Discussion

Collaborate


FLO Live Intro slide



FLO Live - insert names
[Day, date Month, Year]
Welcome to FLO Live, the session will start at [insert time]

Important notes

- Please use the "Name" field in the "My Status" window to indicate that you intend to ask a question. The host will then prompt you to ask.
- Before you are able to ask, you will need to connect your audio.
- Click and **Enable My Audio** to connect.
- Be sure that you have been allowed to speak before you can speak in FLO Live.
- Please turn your microphone off or mute when you are not speaking to reduce background noise.



Stop

Stop Sharing

Stop

Stop Sharing

Stop

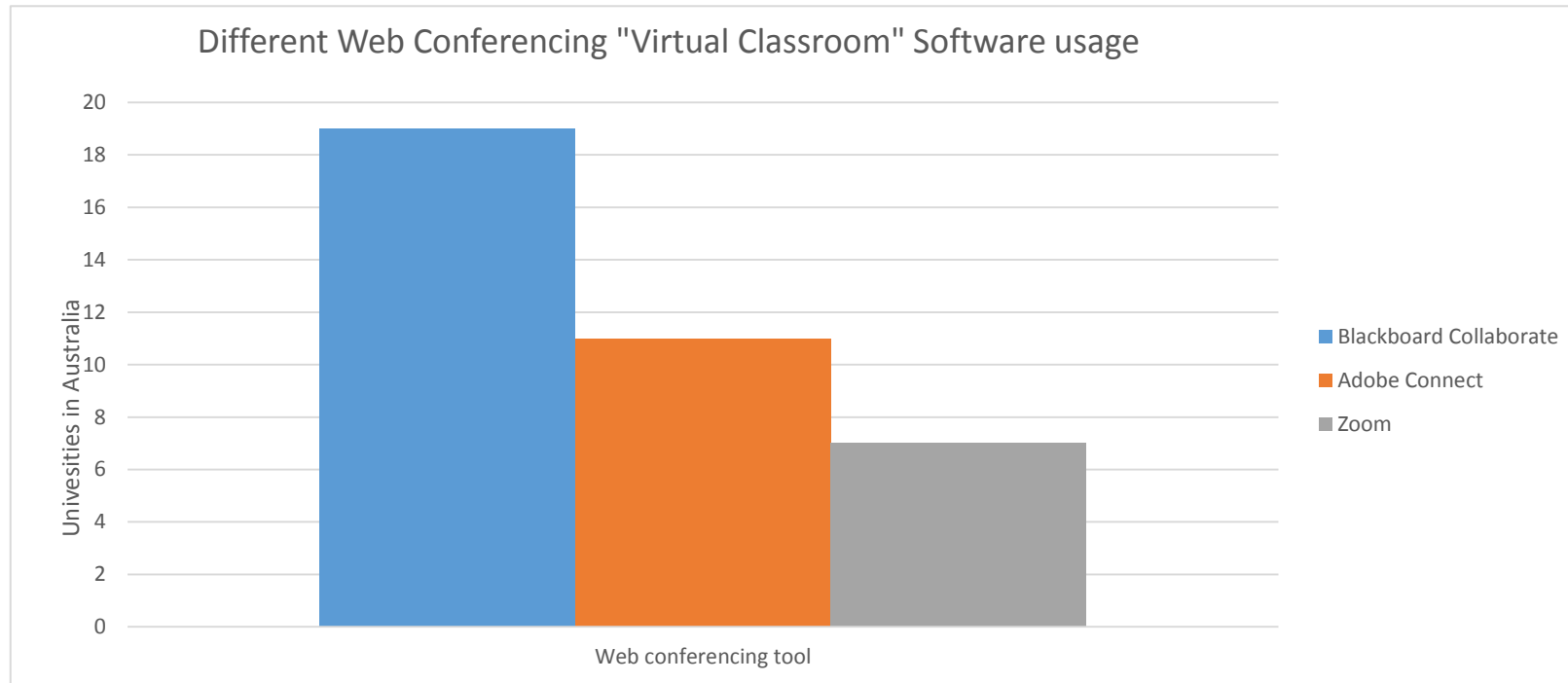
Stop Sharing

Authoring & Editing Tools

- [Office Mix](#)
- i-Spring
- Camtasia
- Kaltura
- Echo360 Personal Capture



Figure 1. Different Web Conferencing "Virtual Classroom" Software usage by Australian Universities (Dianati & Schubert, 2017).



Development



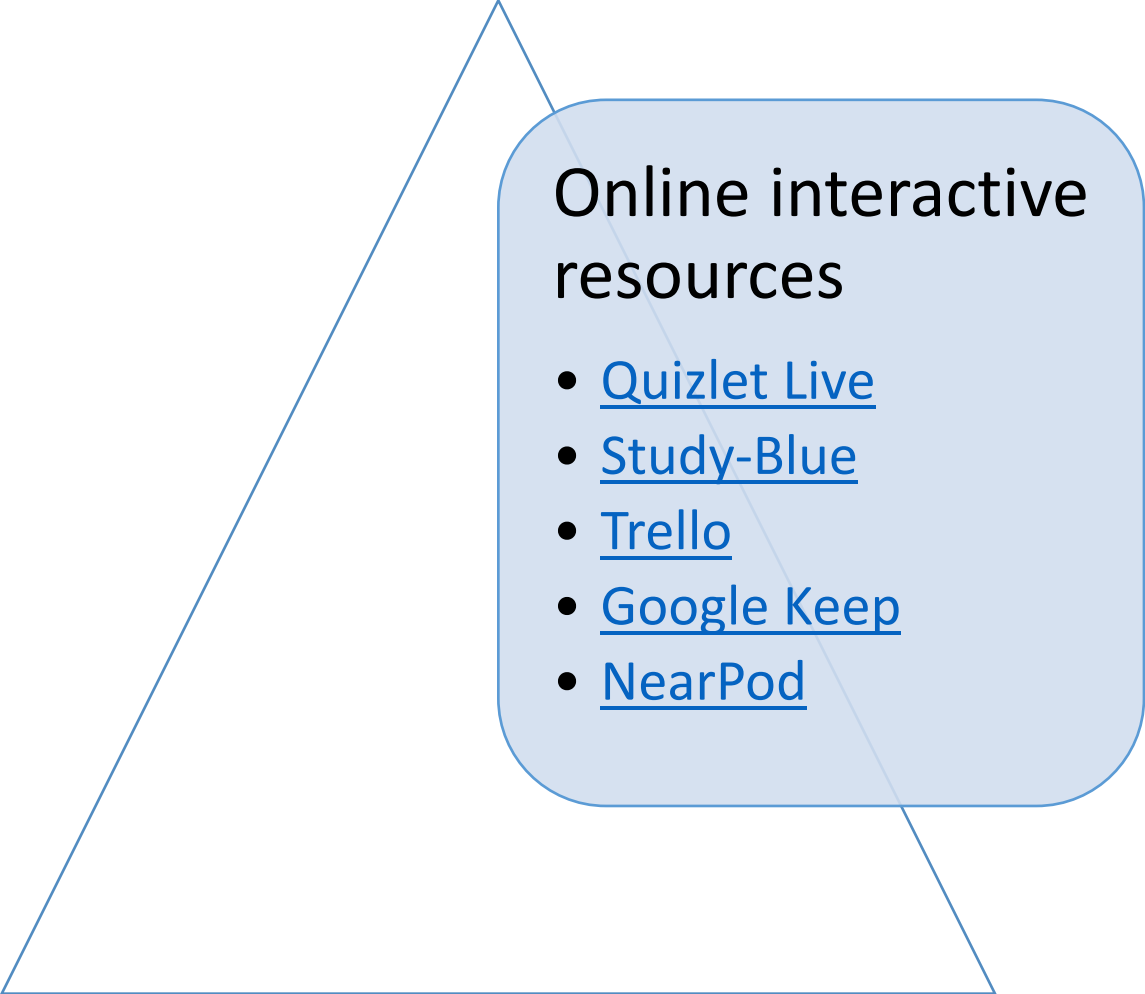
Category 1	Baseline	Effective	Exemplary
Rubric for Online Instruction, CSU, Chico, Creative Commons Version 3			
Learner Support & Resources	A. Course contains limited information for online learner support and links to campus resources.	A. Course contains adequate information for online learner support and links to campus resources.	A. Course contains extensive information about being an online learner and links to campus resources.
	B. Course provides limited course-specific resources, limited contact information for instructor, department, and/or program.	B. Course provides adequate course-specific resources, some contact information for instructor, department, and program.	B. Course provides a variety of course-specific resources, contact information for instructor, department, and program.
	C. Course offers limited	C. Course offers access to	C. Course offers access to
Category 2	Baseline	Effective	Exemplary
Online Organization & Design	A. Much of the course is under construction, with some key components identified such as the syllabus.	A. Course is organized and navigable. Students can understand the key components and structure of the course.	A. Course is well-organized and easy to navigate. Students can clearly understand all components and structure of the course.
	B. Course syllabus is unclear about what is expected of students.	B. Course syllabus identifies and delineates the role the online environment will play in the course.	B. Course syllabus identifies and clearly delineates the role the online environment will play in the total course.
	C. Aesthetic design does not present and communicate course information clearly.	C. Aesthetic design presents and communicates course information clearly.	C. Aesthetic design presents and communicates course information clearly throughout the course.

Online Instruction, CSU, Chico, Creative Commons Version 3 / Revised 2009



e-Portfolios

- [Wix](#)
- Bb Blog
- [Mahara](#)
- [Google Keep](#)
- PebblePad



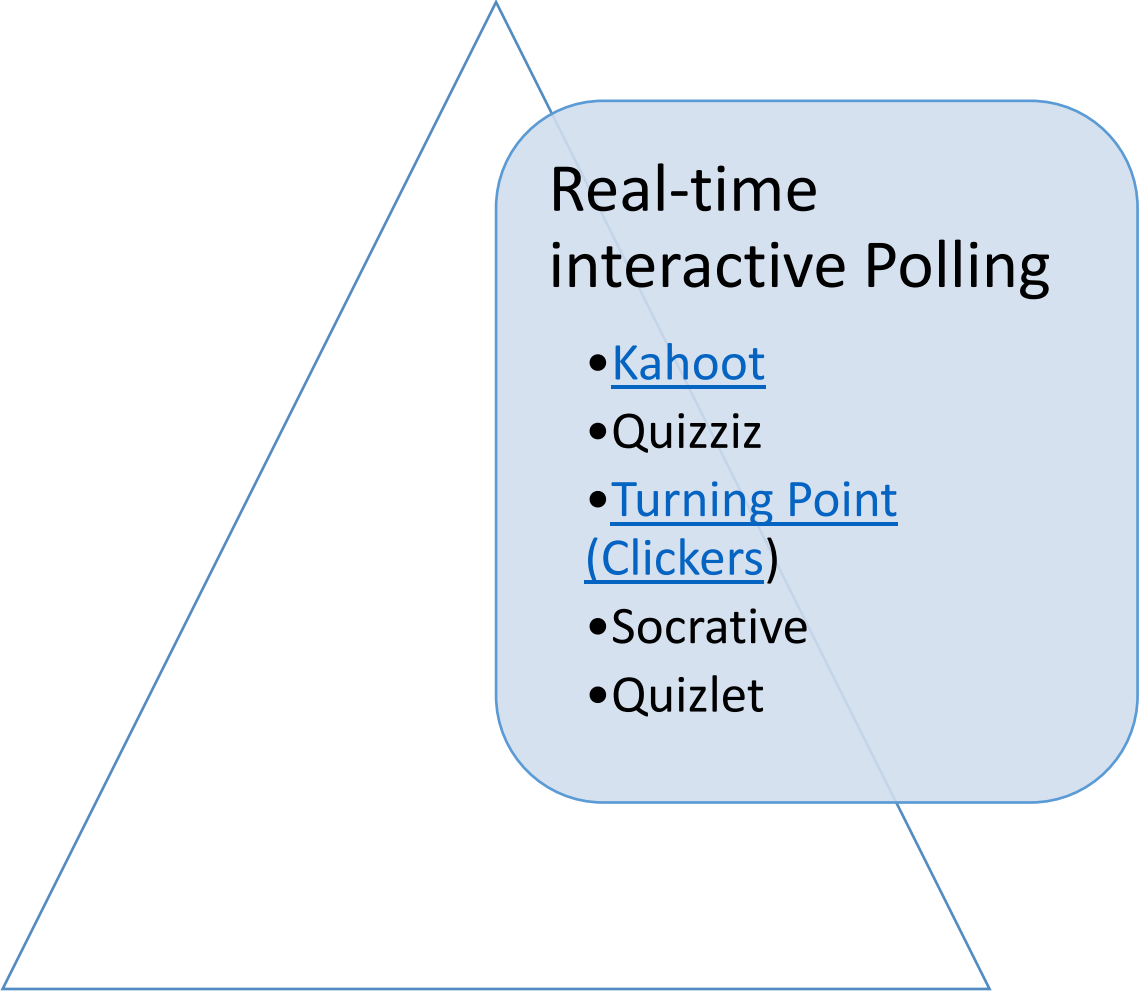
Online interactive resources

- [Quizlet Live](#)
- [Study-Blue](#)
- [Trello](#)
- [Google Keep](#)
- [NearPod](#)



E-marking

- Turn it in Grade-Mark
- Blackboard Grade Centre
- Adobe/Microsoft Digital inking
- [Grammarly/](#) Grammarmark
- Semant
- Adobe PDF voice comments



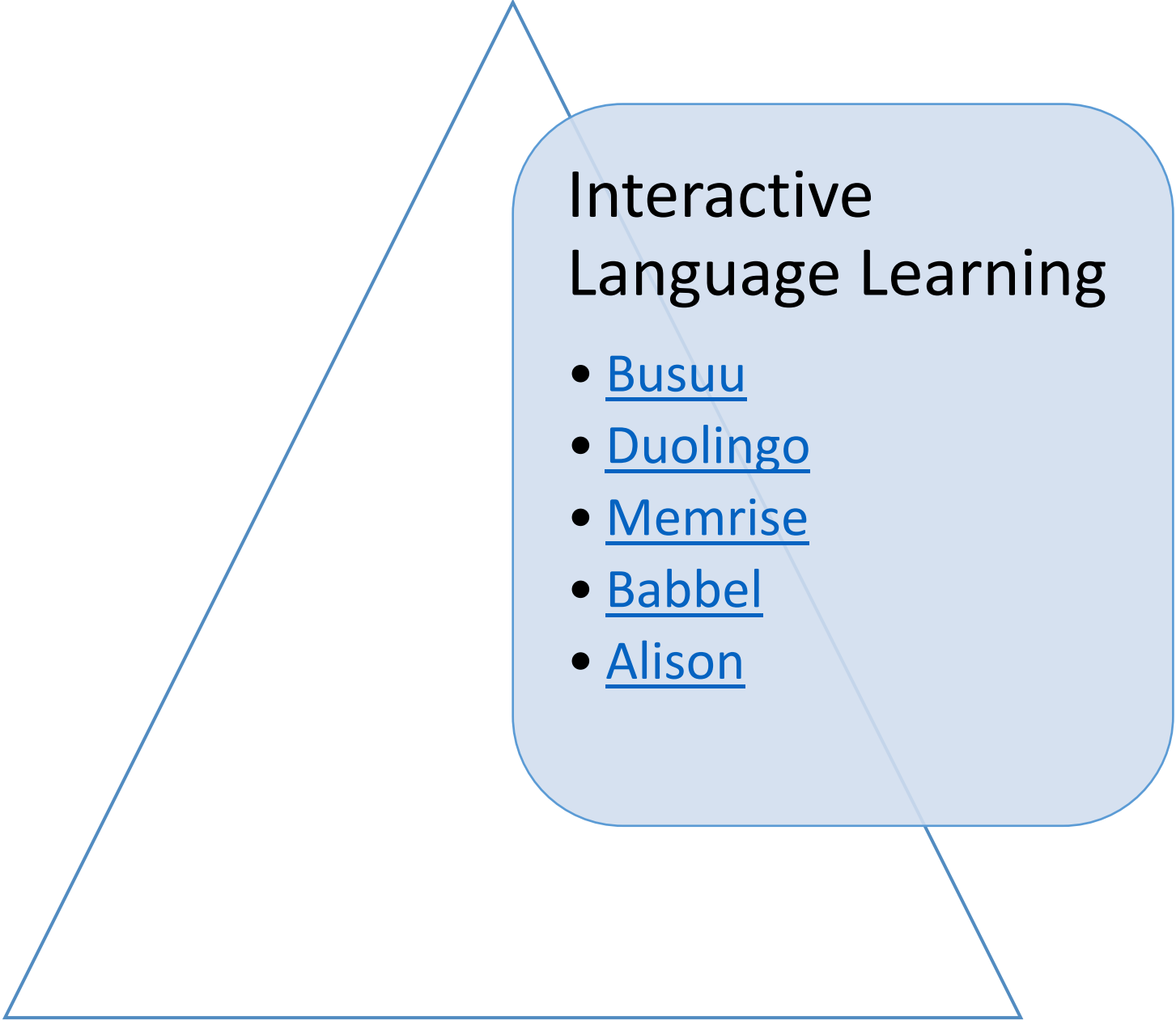
Real-time interactive Polling

- [Kahoot](#)
- Quizziz
- [Turning Point
\(Clickers\)](#)
- Socrative
- Quizlet



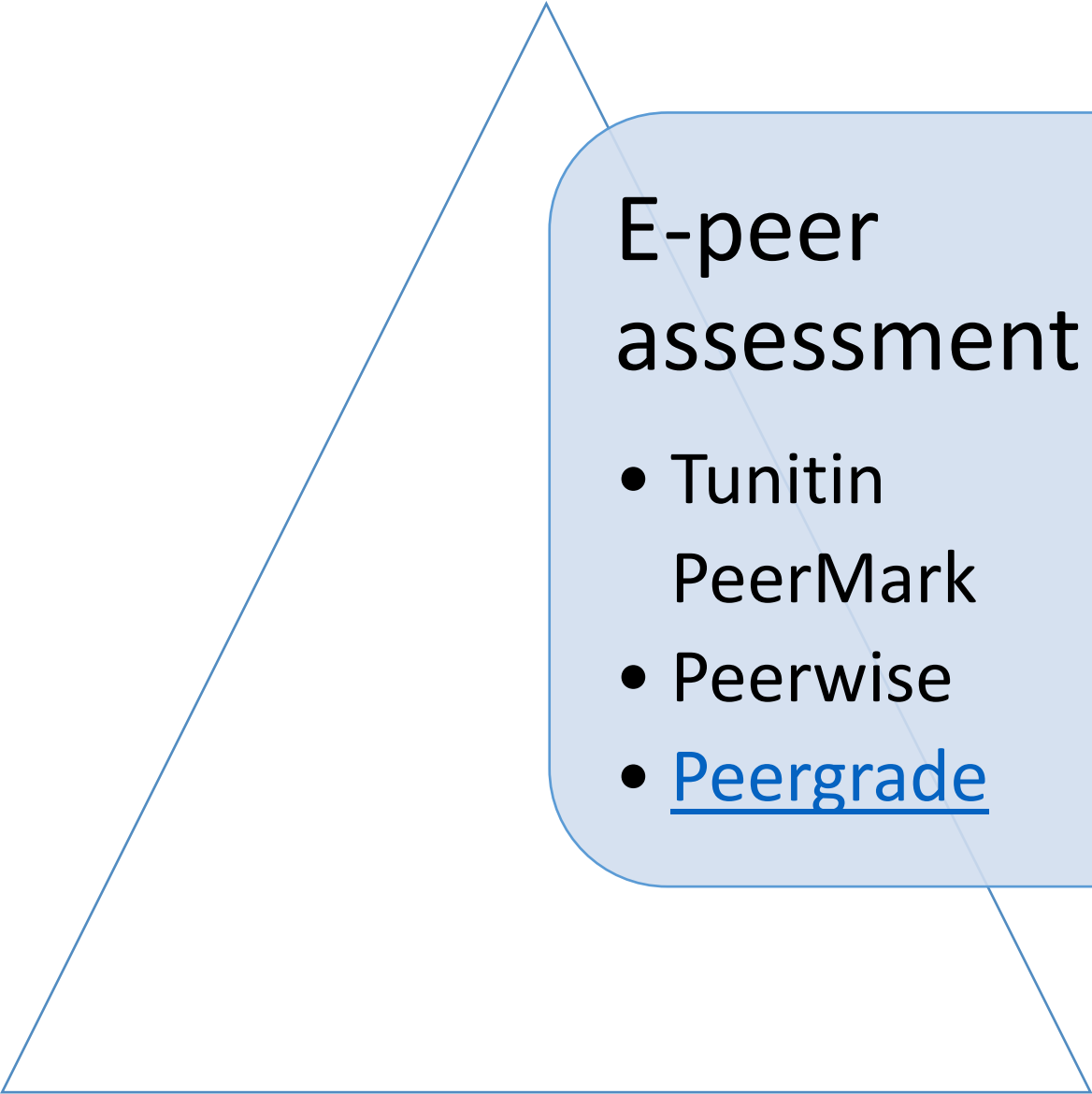
E-Digital Story Telling

- [Piktochart](#)
- Visme
- [Canva](#)
- [Buncee](#)
- Prezi



Interactive Language Learning

- [Busuu](#)
- [Duolingo](#)
- [Memrise](#)
- [Babbel](#)
- [Alison](#)



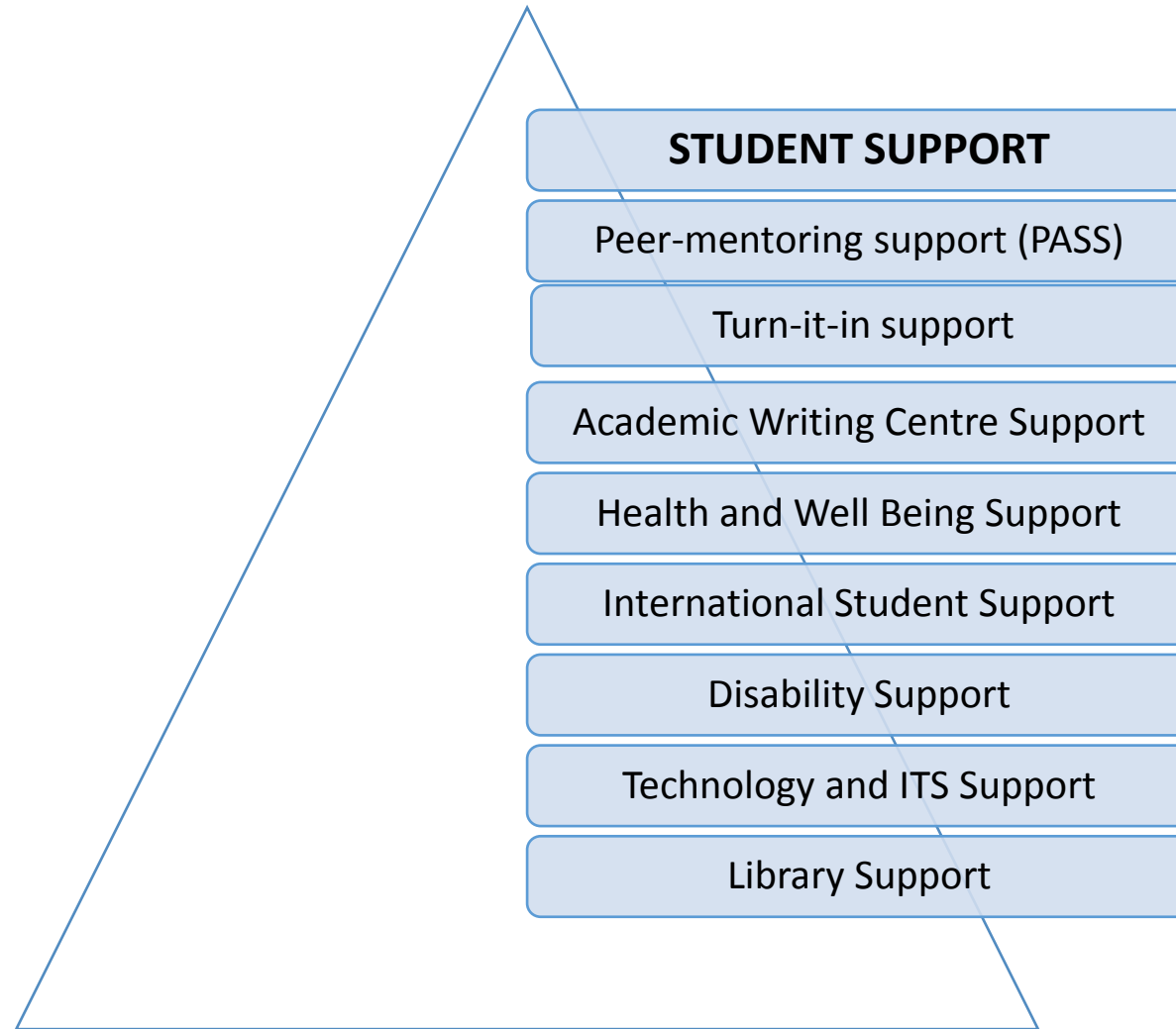
E-peer assessment

- Tunitin
PeerMark
- Peerwise
- [Peergrade](#)



Social Media

- Twitter
- Fb Page
- Google + hangs
- Edmodo
- [Pinterest](#)
- Newsela



Thank you

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