

eLearnit *MENU*



Word Cloud Activity

Main Course

- Responding and Managing Interaction, Collaboration & Feedback in a Virtual Classroom
 - Embedding the Learning Elements & Edtech in the Learning Design

Dessert

Personal Take-aways



What word or phrase comes to mind when you hear the term "PEDAGOGY"?

Scan the QR Code

or



- 1.) Go to menti.com
- 2.) Use the code (as shown on screen)
- 3.) Type in your answers.





Navigating in uncharted territory requires a reliable compass

Let our virtual classroom PEDAGOGY be our compass

THIS IS THE NORMAL

- 1.) Physical/social distancing
- 2.) Contactless transactions
- 3.) No face-to-face meetings
- 4.) Work/learn from home
- 5.) Only essential movements are allowed
- ("Transition to new normal" Retrieved 28 May 2020, from http://www.euro.who.int)

What does it mean to the business of education?

How have we responded?

"Hybrid Flipped Classroom" using: Moodle, Big Blue Button (BBB) and OneDrive

Synchronous



Students learn at the same time.

Communication happens in real time.

Possibly more engaging and effective.

Allows for instant feedback and clarification.



Examples

Video conferencing, live chat, live streamed videos.

Asynchronous



Students learn at different times.

Communication is not live.

Possibly more convenient and flexible.

Allows students to work at their own pace.



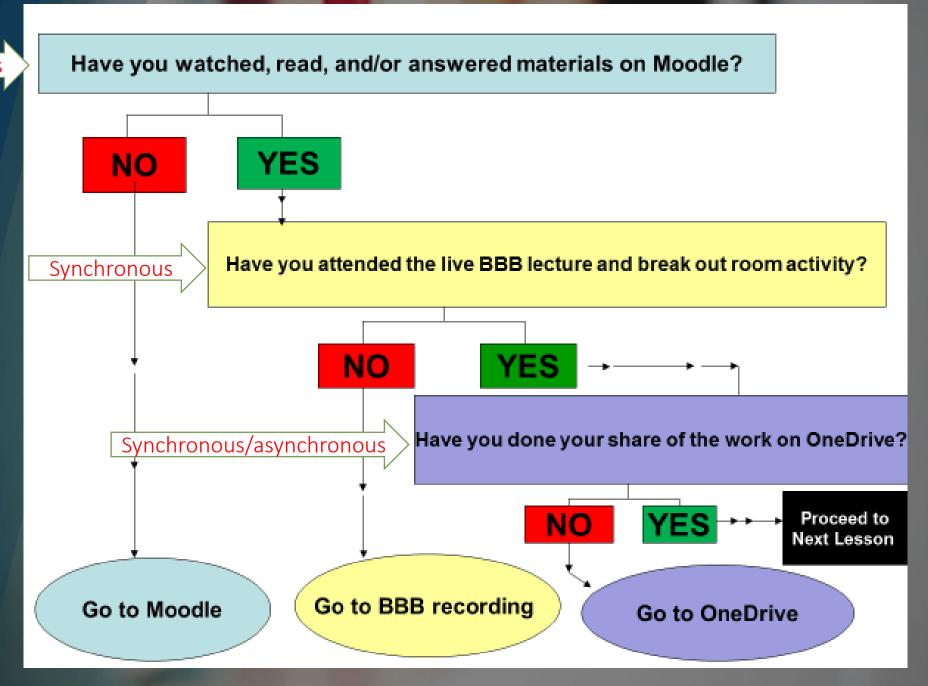
Examples

Email, screencasts, Flipgrid videos, blog posts/comments.



Asynchronous

How have we delivered virtual teaching?



Which pedagogical element would you need the most in your virtual classroom?

Scan the QR Code

or



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Learning Elements of Effective Pedagogy (Pelz, 2009)





INTERACTION

moodle

- Produce PPT presentation with audio narration following appropriate instructional design (e.g.: Gagne's Model)
- Create Moodle QUIZ to provide interaction with content.
- Activate Moodle FORUM with clear guidelines on its usage and decorum.



- Enable public chat, shared microphone, shared videocam, raise hand feature with clear guidelines on its usage and decorum.
- Use "online poll" to activate prior knowledge and experience; to encourage individual participation and engagement.





COLLABORATION



- Use the "break out rooms" for group works involving simple tasks.
- Ensure that the task is SMART; provide a checklist to avoid COGNITIVE OVERLOAD.
- Monitor each group actively; call out students who are disengaged.
- Provide a space in the "main room" to show case or report/share the group work.
- Involve other students in other groups to share their ideas about the shared group work.



- Use OneDrive for group works involving complex tasks.
- Ensure that the task is FLEXIBLE and provide checklist for each member's responsibilities/ accountabilities to avoid COGNITIVE OVERLOAD.
- Monitor each group actively; call out groups with backlogs and members who are disengaged.
- Celebrate (commend/recognize) milestone achievements.





- Cut related tasks into smaller chunks for easy "digestion".
- Provide "scaffolding" support for each task/problem/project.
- Create opportunities for students to collaborate in a mixed-ability group to share cognitive load.

Empowers learners to become <u>autonomous</u>

 Develops capacity to evaluate, monitor and regulate learning

3-level Feedback Loop:

Self-regulation level

Process-level

Task/performance-level



FEEDBACK



- Use "Break out Rooms" to give timely and meaningful feedback.
- Use "online poll" to give interactive feedback.

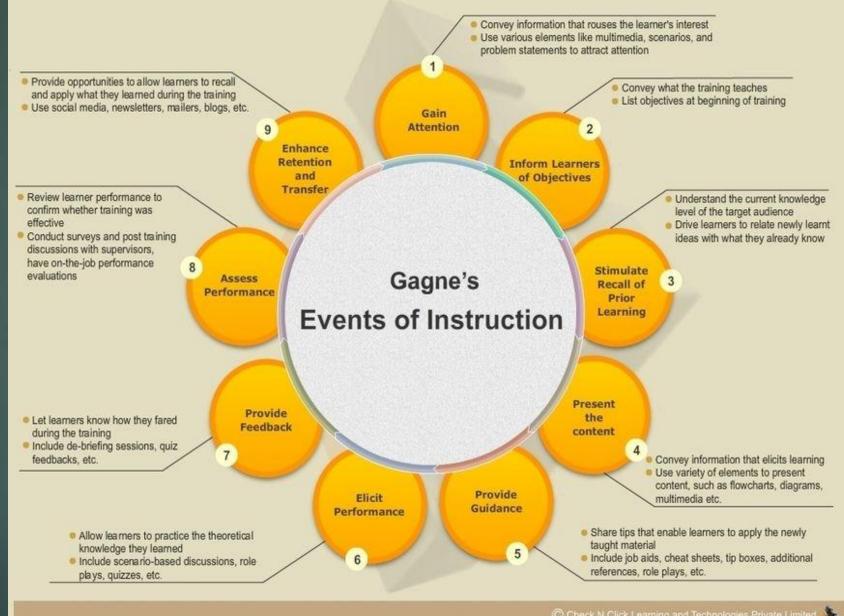


- Use OneDrive to give constructive feedback.
- Use OneDrive to provide opportunity to monitor and selfregulate learning.



Embedding Learning Elements of Pedagogy into the Learning Design

The Framework: Gagne's Instructional Design Model





Embedding
Learning
Elements of
Pedagogy into the
Learning Design 1

Call to action 1:
Revisit modalities
of virtual delivery
and check if they
have an
established
instructional
design.

Learning Activities/Events (Gagne, 1998)	Learning Elements of	ASYNCHRONOUS (PRE-SESSION)	SYNCHRONOUS (LIVE SESSION)	MIXED (POST-SESSION
Cair Allandia	Pedagogy			
Gain Attention	interaction			
Inform Learners	interaction			
of Objectives				
Engage/activate	interaction			
Prior Learning				
Present Content	interaction			
Provide	Interaction			
Guidance	feedback			
Practice Skill	Interaction			
	collaboration			
Provide	Interaction			
Feedback	feedback			
Assess	Interaction			
Performance	collaboration			
Extend	Interaction			
Application	collaboration			

Embedding Learning Elements of Pedagogy into the Learning Design 2

Call to action 2:
Review edtech in terms of their efficacy in providing interactive, collaborative solution to a specific learning event.

Learning	Learning	Current Learning	Current	Prospective
Activities/Events	Elements	Platforms	Complementary	Edtech
(Gagne, 1998)	of		Edtech Applications	Applications
	Pedagogy			
Gain Attention	interaction	Big Blue Button	Videoclips; podcasts	EdPuzzle
		MS Teams		
		GoogleMeetUp/Zoom		
Inform Learners	interaction	Big Blue Button		Articulate Rise
of Objectives		MS Teams		
		GoogleMeetUp/Zoom		
Engage/activate	interaction	Big Blue Button (Poll)	Mentimeter	EdPuzzle
Prior Learning	←	_	Kahoot	
			Padlet	
Present Content	interaction	Big Blue Button (PPT)		
		MS Teams		
		GoogleMeetUp/Zoom		
Provide	Interaction	Big Blue Button	Google Forms	Socrative
Guidance	feedback	Moodle	Wheeldecide	
Practice Skill	Interaction	Big Blue Button	Kahoot	Socrative
	collaboration	(Break Out Room)	Padlet	
		Moodle Quiz	Google Docs	
		OneDrive		
Provide	Interaction	Moodle Workshop		Socrative
Feedback	feedback	Moodle (screencast)		
		Big Blue Button		
Assess	Interaction	Moodle (Turnitin)	Google Docs	Voice Thread
Performance	collaboration	OneDrive		
Extend	Interaction	Moodle	Blogsites	Voice Thread
Application	collaboration		Social Media apps	



The right PEDAGOGY will take us to our destination

Let our virtual classroom PEDAGOGY be our compass

KEY TAKEAWAYS • There is NO technology that FITS ALL. A choice should be based NOT only of one organizational context BUT also on how it FITS or matches a specific learning event in the instructional design loop. Whatever is the chosen platform or edtech, it STILL requires a sound PEDAGOGY. Interaction, collaboration and feedback should be EMBEDDED in a virtual classroom pedagogy.

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