Promoting class participation with Moodle & Forms in PowerPoint

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Educators' vision 👀
Ideal classes with engaged, active students

Below the surface lies a complicated situation:

- individuals' motivations

- expectations

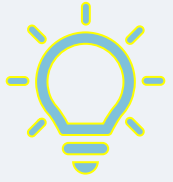- cognitive and affective aspects

- school culture, etc.

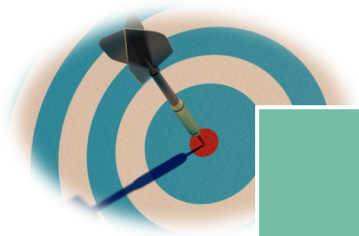💯 Reward participation with points for *attendance*?

This can be superficial.

For example, being *present* in a classroom is no guarantee that a student is engaged in learning.

Strategy 1

1. Reward participation in activities that align with learning goals

2) "….take the things you do **grade** and make them participatory…..e.g., group quizzes, etc.".

Talbert, R. (2023, December 3) Prioritizing participation: Three ways to elicit great

participation without grading it [individual participation]"

https://gradingforgrowth.com/p/prioritizing-participation

Tool #1

Assignment (set up for groups)

One student submits a document, or text, for all group members.

Or, if a teacher does not require anything to be submitted, e.g., for a group presentation, a grade can still be given to all members of a group.

- A grade will be issued to all members of a group

File submissions

| | steps.docx ✚ | 29 January 2024, 12:01 PM |
Export to portfolio

Submission comments

▶ Comments (0)

Add a comment...

Save comment | Cancel

Edit submission   Remove submission

You can still make changes to your submission

Student's view

steps.docx ✚
29 January 2024, 12:01 PM

Export to portfolio

▶ Comments (1)

Elon, Ctle Test 01 - Mon, 29 Jan 2024, 12:03 PM
I did most of the work!

Add a comment...

Save comment | Cancel

Grade

Grade out of 100

99

Current grade in gradebook

Group submission settings

Apply grades and feedback to entire group

Yes ⬍

Notify students ☐ ❓   Save changes   Save and show next   Reset

Teacher's view

Steps

1. Groups first need to be created in Moodle

- Group members can be randomly created

- Or, the Group Choice activity can be used to let students self-select their group members

- Or, the TeamBuilder activity uses a survey to identify traits of group members
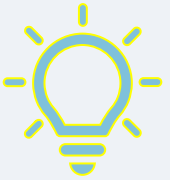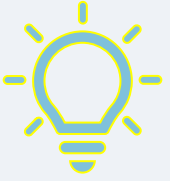
2. Create an assignment and in settings allow for group submissions

3. Assessment

- One student uploads a document for the group

- Grades given will be issued to all group members

Types of feedback

- Submission comments (chat with all)

- Feedback comments (grader only)

- Feedback file (return Word file with comments)

2. Reward participation with feedback

Strategy 2

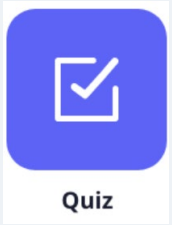Centre for Teaching Excellence. (n.d.). Promoting effective classroom participation. University of Waterloo.

https://uwaterloo.ca/centre-for-teaching-excellence/catalogs/tip-sheets/promoting-effective-classroom-participation.

Give Ss opportunities to _create and use_ feedback

Self-rating of class participation, e.g., _What might you do differently next time?_

Quiz

Quizzes

Typical activity with a quiz: "peer discussion"

- *before/after/during?*

- Wide variety of question types

- Use MS Copilot to create questions to import (Aiken format)

- Results collected in gradebook

- Automated feedback in quizzes

- Group quizzes are *not* available now, a plugin is needed in UMMoodle. Exploring and testing it with ICTO

Quick polls / quizzes

1. Create a *poll/quiz* with Microsoft Forms

   • Updated* mobile friendly layout

   • Tip: change poll settings so anyone can access / default is only registered users (O365/ProPlus)

2. Insert a form / quiz into PowerPoint

   • Req. newer version O2021/O365

   • Logged in to O365

   • How to Video

   • Results only saved in Excel

*Source: Improved Experience for Real-Time Form & Quiz Responses
https://techcommunity.microsoft.com/t5/microsoft-forms-blog/improved-experience-for-real-time-form-amp-quiz-responses/ba-p/3933203

Tool #4

Forums

Students value?

- ○ Opportunities to ask real questions
- ○ Clarification/feedback from an expert?
- ○ Actionable feedback?

- Ss need convincing that peer feedback is useful/can be used

Assessment options include:

- ◆ Rate whole forum (all posts by an individual)
- ◆ Rate individual posts using a scale
  - ○ average, highest score, count
  - ○ peer ratings
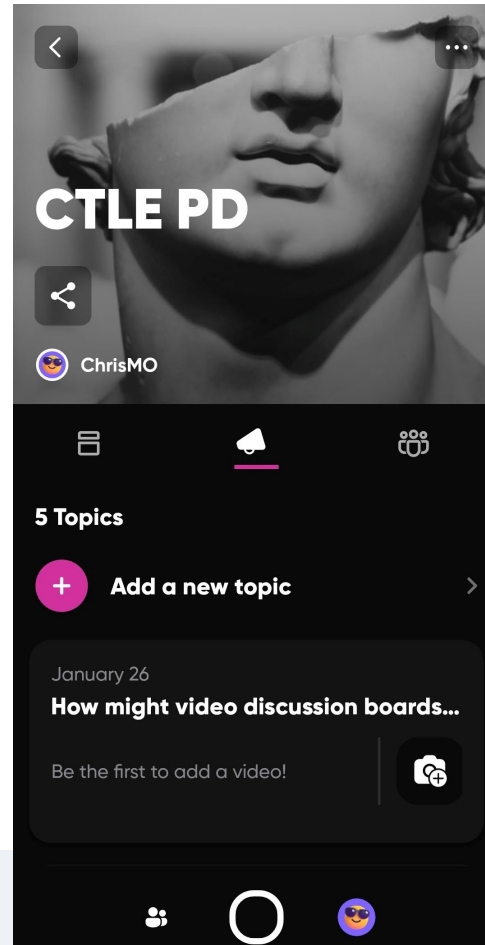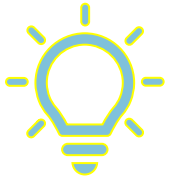 - ○ 👍Like button

Video discussion boards

Text-based forums

- ○ Can require time

- ○ Ss need clear expectations

- ○ May not seem personal and engaging

- ○ Might not allow for choice

Flip (a Microsoft service)

- ◆ easy-to-use, mobile friendly

- ◆ create video-based discussions

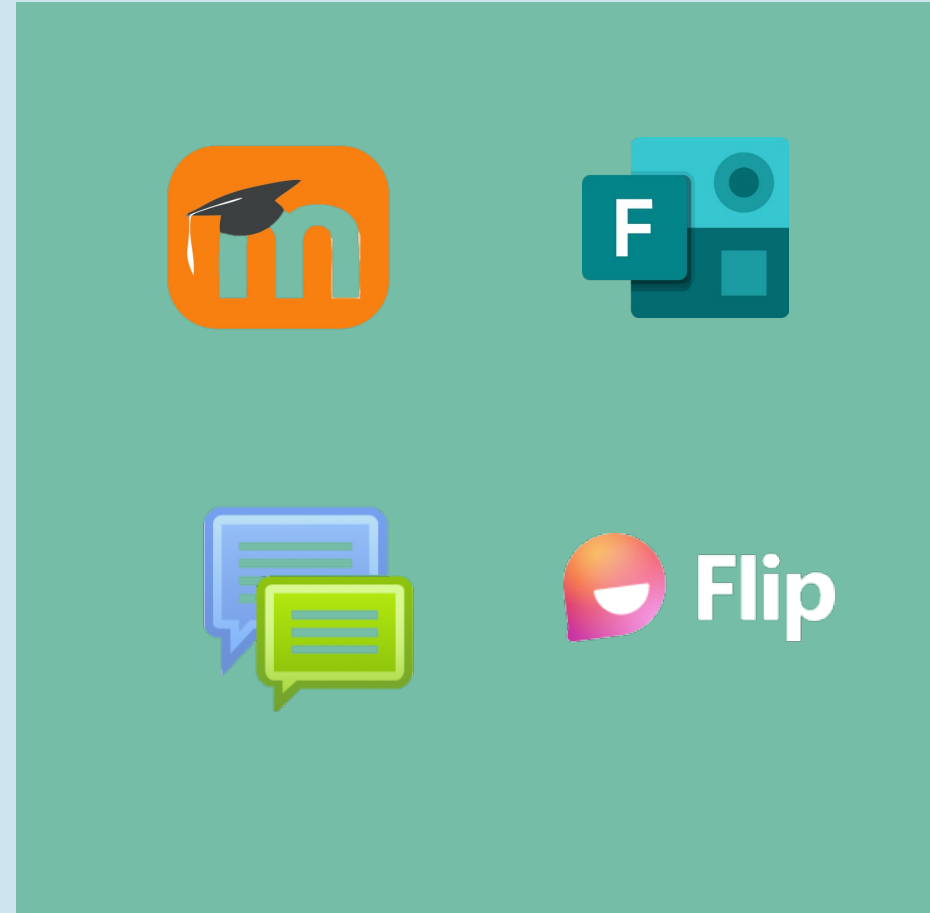- ◆ ✨AI tools

Conclusions

1. Moodle
   - Used to set up large participatory activities
   - Tracks students' engagement

2. Microsoft PowerPoint and Flip
   - Might be easier to use and more attractive to students

3. Classroom practices
   - Students need to see the value of activities
   - and believe they can learn from peers.
   - Evidence shows they can, but they must be persuaded first.

Resources

- Armstrong, M., & Boud, D. (1983). Assessing participation in discussion: An exploration of the issues. *Studies in Higher Education (Dorchester-on-Thames)*, *8*(1), 33–44. https://doi.org/10.1080/03075078312331379101

- Bedenlier, S., Bond, M., Buntins, K., Zawacki-Richter, O., & Kerres, M. (2020). Facilitating student engagement through educational technology in higher education: A systematic review in the field of arts and humanities. *Australasian Journal of Educational Technology*, *36*(4), 126–150. https://doi.org/10.14742/ajet.5477

- Bergdahl, N., Nouri, J., Fors, U., & Knutsson, O. (2020). Engagement, disengagement and performance when learning with technologies in upper secondary school. *Computers and Education*, *149*, 103783-. https://doi.org/10.1016/j.compedu.2019.103783

- Bond, M., Buntins, K., Bedenlier, S. *et al.* (2020) Mapping research in student engagement and educational technology in higher education: a systematic evidence map. *International Journal of Educational Technology in Higher Education, (17)*2, 1-30. https://doi.org/10.1186/s41239-019-0176-8

- Centre for Teaching Excellence. (n.d.). Promoting effective classroom participation. University of Waterloo. Retrieved January 18, 2024, from https://uwaterloo.ca/centre-for-teaching-excellence/catalogs/tip-sheets/promoting-effective-classroom-participation.

- Granić, A. (2023). Enhancing online participation in education: quarter century of research. *Journal of Computers in Education, 10*(4), 663–687. https://doi.org/10.1007/s40692-022-00238-8

- Greenwood, J. (2023) Ready player one: using Vevox to elicit student participation in lectures, *Journal of Learning Development in Higher Education, (27)*. https://doi.org/10.47408/jldhe.vi27.935

- Johnston, L., & Miles, L. (2004). Assessing contributions to group assignments. *Assessment and Evaluation in Higher Education*, *29*(6), 751–768. https://doi.org/10.1080/0260293042000227272

- Murck, B. (1999). Promoting and Evaluating Participation in High-Enrollment Undergraduate Courses. *Journal of Geoscience Education*, *47*(2), 131–134. https://doi.org/10.5408/1089-9995-47.2.131

- Simon, P. D., Fryer, L. K., & Nakao, K. (2024). Assessing class participation in physical and virtual spaces: current approaches and issues. *Frontiers in Education (Lausanne)*, *8*. https://doi.org/10.3389/feduc.2023.1306568

- Talbert, R. (2023, December 4) Prioritizing participation: Three ways to elicit great participation without grading it. Retrieved January 18, 2024, from https://gradingforgrowth.com/p/prioritizing-participation

- Xu, Y., & Qiu, X. (2022). Necessary but problematic: Chinese university English teachers' perceptions and practices of assessing class participation. *Teaching in Higher Education*, *27*(7), 841–858. https://doi.org/10.1080/13562517.2020.1747424