

# Unlimited Authenticity in PBL Tasks through Flipped Classroom & Technology-enhanced Learning

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## INTRODUCTION

### What is Project-based Learning (PBL)?

Project-based learning (PBL) is one of the experiential learning methods that encourages learners to be more actively immersed in their **meaningful**, **authentic**, and **real-world learning** projects (Latham, Lenz & Vander Ark, 2016).

### The Importance of PBL

The adoption of PBL is essential because knowledge and skills will be demonstrated by learners through creating an **original** product or presentation for a real group of audience in an Academic English setting (Poonpon, 2018).

### The Transition of PBL in Academic English

In 2019, the undergraduate students presented their persuasive speech based on the field trip. When the Covid-19 pandemic hit the nation, conducting a field trip was impossible.

Such transition prompted me to find another teaching method and technology-enhanced learning (TEL) tools that supported both student engagement level and scaffolding process.

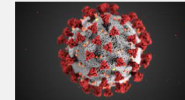
## CONCLUSION & RECOMMENDATION

- The adoption of flipped classroom and TEL tools were effective in supporting the unlimited authenticity in PBL tasks.
- It is recommended to use OneNote as it helps keep track of their learning progress.

**For more information about the PBL process and current practice, do check out my video presentation.**

## YEAR 2020 - 2021

### • INSTRUCTIONAL STRATEGY



- Flipped classroom was ultimately used before/during the first hour of the online lecture.
- Students would take in the initial information through pre-recorded lectures and instructional steps with clear navigations (e.g. using hashtags on MS Teams) before attending the 2nd hour of live lecture.
- Students would then participate or engage in group discussions before participating in PBL tasks.

## YEAR 2020 - 2021

### • THE USE OF TEL TOOLS

- Pre-recorded lectures were recorded to capture the concepts and embedded tasks/activities/quizzes using PPT slides and Panopto.
- OneNote is part of MS Teams platform and it was used to support scaffolding process throughout the PBL tasks. For example, it allowed me to capture both audio and written feedback for the students to act on the tasks.

## OBSERVABLE OUTCOMES



### The benefits of adopting flipped classroom

- Students were more independent and active in learning especially students who were quieter or reserved (Roehling, Luna, Richie & Shaughnessy, 2017).
- It helped embrace student diversity especially different educational background and learning pace (Goedhart, N.S., Blignaut-van Westrhene, N., & Zweekhorst, M.B.M (2019).

### The benefits of adopting OneNote

- OneNote allowed students to be more collaborative and co-operative in learning (Salman, 2015).
- The immediate response/feedback helped students in producing their PBL tasksh in a more authentic manner despite the limitation of field trip during the pandemic (Chan, 2020).