



Finalist 'Best Teaching with ICT'

Name: Sharon Kan

School: Baradene College, Auckland

Name of ICT activity: Flipped Learning

1. What is the Teaching with ICT activity that you want to be considered for the award?

Flipped Learning in Maths

2. Why did you choose to use this activity?

To find a more effectively learning approach compatible with BYOD To help students develop 21st Century Learning Skills (collaboration, creativity, digital competencies, self-directed learning, etc.). To allow students to learn Maths at their own pace and in their own styles

3. How did you implement and use this activity?

Flipped Learning was introduced and discussed in class about its purposes benefits before implementation. OneNote Class Notebook is used as a platform to support In-Class Flipped Learning, where students can access all the teaching materials on their laptops in a BYOD classroom. Formative assessments are carried out on a regular basis using Kahoot to check students' conceptual understanding.

Students are allowed to learn in small groups or individually, from online instructional videos, from their peers or their teacher.

4. What learning outcomes has it achieved for you and your class?

Students have developed the following skills (or achieved these outcomes) through Flipped Learning:

- Collaborative learning skills (via learning in small groups and sharing resources, etc.)
- Self-directed learning skills (judicious note-taking, asking thoughtful questions)
- Take ownership of their learning (learning at their own pace and in their own styles)
- Digital competencies (use digital tools to learn, share, communicate and create resources)
- Teacher have more free time to support individual students of diverse learning needs.

Please visit the site below for more detail as well as student feedback.

<https://slate.adobe.com/a/YLqQe/>