Flipped Learning

"Flipped Learning is a pedagogical approach in which direct instruction moves from the group learning space to the individual learning space, and the resulting group space is transformed into a dynamic, interactive learning environment where the educator guides students as they apply concepts and engage creatively in the subject matter." (Flipped Learning Network)

The key idea of Flipped Learning is to take the main learning outside of the classroom and use the contact time to encourage deeper learning by creating learning activities that engage students in discussing, creating, problem-solving, diagnosing, applying theories or presenting the concepts they've learnt prior to the session.

The pre-content can be directed through a variety of means; reading, videos, learning objects etc., the important thing is to guide the students through the material as you would in a lecture. Resources on their own won't help the students to learn, which is why providing key discussion points, problem solving activities, and tests to help them navigate these resources to develop their own opinions and hopefully be prepared to tackle the in-class activities you set becomes important.

Why would I use technology to aid flipped learning?

The technology you use depends on the activities you plan on introducing pre-class and in-class. The VLE provides a single place to collect all the resources the student needs to work through. It can also provide structure for their pre-class activities, giving them a path to follow as they work through the material. You can also split the content into different groups to provide a means for testing themselves on the content. This can help you to track the student engagement and ensure the content is being accessed and understood.

In-class, technology can change a daunting classroom discussion into an anonymous poll to start the lesson off, to demonstrate understanding or a range of opinions and viewpoints across the group. It can also help form the basis of in-class activities such as a collaborative wiki to gather data/opinions or a student

created video.

How do I use technology to do this?

Using technology opens up a range of pre-content resources you can use and create for your students:

- Structured Learning Objects
- Bite size lectures/vodcasts
- Video case studies
- Digitized journal articles/book chapters
- YouTube/BoB clips

Then, to guide the students through the material, you can use:

- Discussion boards
- Tests
- Collaborative tools e.g. OneDrive/Office365, Padlet

Then in class, to support your activities you could use:

- Student created video
- In-class polling

Collaborative tools e.g. OneDrive/Office365, Padlet

References

Flipped Learning Network Hub. (2017). [online] Definition of Flipped Learning – Flipped Learning Network Hub. Available at: http://flippedlearning.org/definition-of-flipped-learning/ [Accessed 20 Feb. 2017].