

Flipped Learning

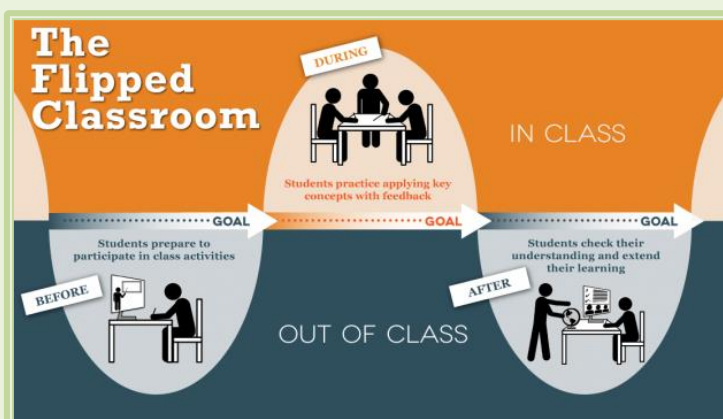
in Technology and Applied Studies

Flipped learning is a pedagogical practise that is altering the way in which we teach. Traditionally TAS demonstrations are conducted throughout the lesson or take up the majority of a lesson before students are able to engaging in practical activities. With flipped learning students are able to watch a cooking demonstration multiple times before the lesson to ensure they grasp the concept before competently following the recipe. Additionally, flipped learning videos can be created to outline theoretical content before students apply their knowledge.

I have implemented the flipped learning strategy to varying extents in Technology Mandatory, Stage 4 & 5 Food Technology, Community and Family Studies and Textiles and Design. As a result, homework is more specific – and it's more enjoyable for students and allows them to work at their individual pace, stop, start and repeat videos. Depending on the students and their level of autonomy, the videos can be view in class instead of for homework.

Videos can be easily created by filming yourself or using applications to record audio over a PowerPoint or sway presentation. Video's already created and available on YouTube can also be used depending of the suitability of the content. The majority of students regularly engage in social media and the use of videos in the form of tutorials. The flipped learning approach allows our students to become more engaged in practical classroom activities and communicate, connect, create and use critical thinking skills as 21st Century Learners in the digital age. Videos are now easily accessible through various host sites, accessible on their phones, tables or computers. If students are unable to access devices, they can view the videos in the classroom throughout or at the end of a lesson.

Flipped learning encourages students to take more responsibility for their own learning, as they can learn for anywhere. High expectations and the application of flipped learning empowers our students and lets them learn at their own individual pace.



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flipped learning

Tool Kit

Hosting applications:

Verso



Used for quality questioning

Padlet



Record your class notes and brainstorm ideas

EDpuzzle



Engage your students with videos and monitor their education

Recording applications:

Explain everything



Interactive whiteboard app

Screencast-O-Matic



Create and share screen recordings

Do Ink



Green screen app for education