

Flipped Classroom



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INTERNATIONAL
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PDE 2014

Flipped Classroom

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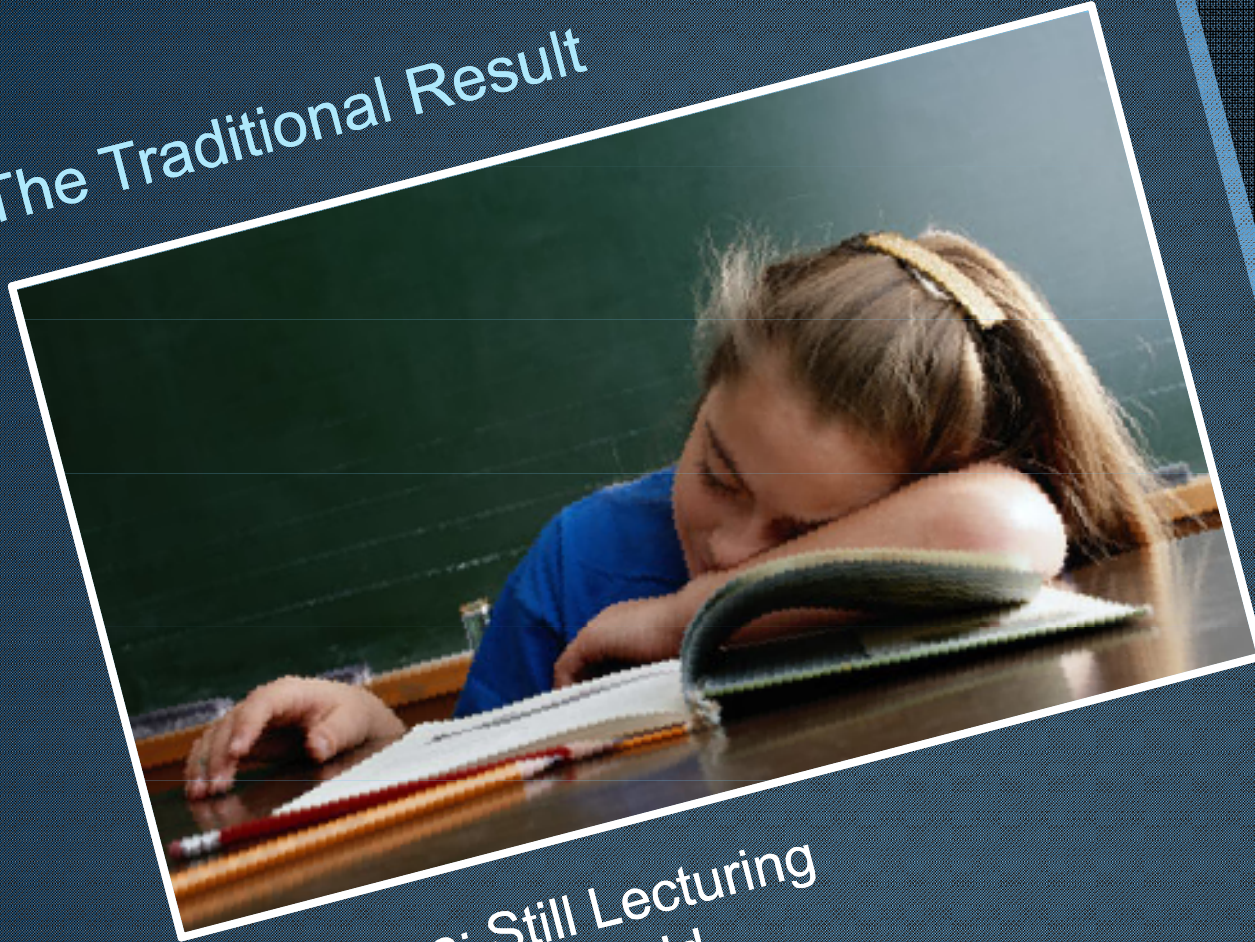
Flipped Classroom Introduction

The Traditional Classroom



- ✓ Lectures : Lecturing
- ✓ Students : Listening

The Traditional Result



- ✓ Lecturers: Still Lecturing
- ✓ Students: Out Cold

Flipped Classroom Introduction

Flipped Classroom Introduction

The Problem

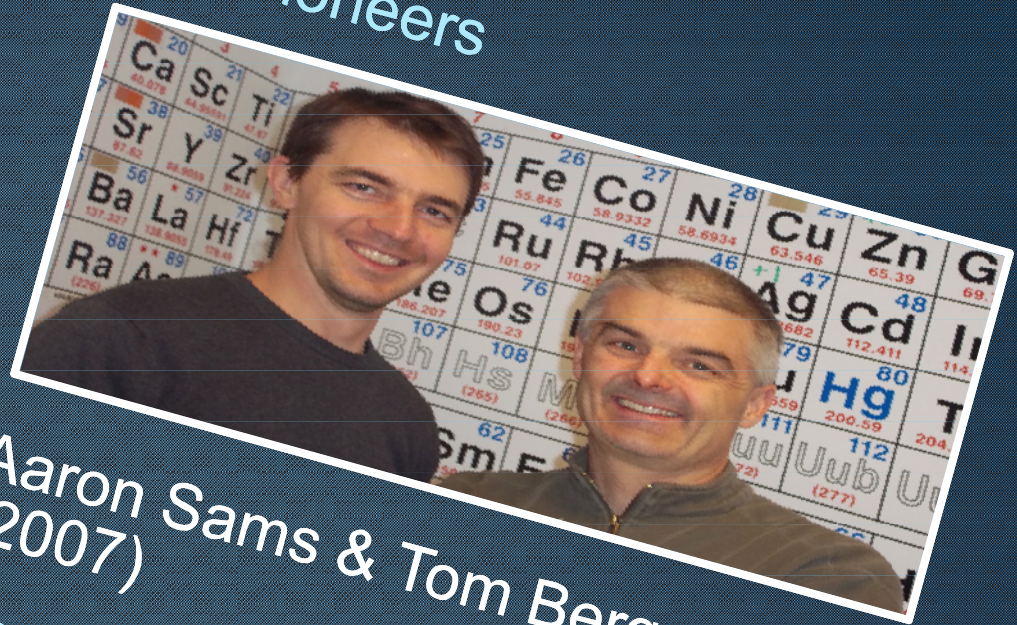
- ✗ Learners missing classes
- ✗ Learners miss important information in class.
- ✗ Learners not completing homework fully or correctly
- ✗ Some are fast learners, some are slow.

- Conceptual Paper
- Traditional Classroom change to Flipped Classroom
- Lectures and Homework are Reversed
- History of Flipped Classroom
- Implementation of Flipped classroom
- Advantages of Flipped Classroom
- Flipped Classroom in OUM

Flipped Classroom Background

Flipped Classroom Literature Review

The Pioneers



Aaron Sams & Tom Bergmann
(2007)

The Method
Lecture
Activities

- The Steps
1. Record Lecture & Post Online
 2. Allow learners access materials
 3. Use Class for Activities



Class
Home

The Daily Riff July 2011:.. It is an environment where learners take responsibility for their own learning where the teacher is not the "sage on the stage", but the "guide on the side".

Jeremy (2011): Inverts traditional teaching methods – by delivering instructions online outside of class and moving 'homework' into the classroom.

Tucker (2012): Use technology to invert the traditional teaching environment by delivering lectures online as homework and opening up the class period for interactive learning.

Flipped Classroom
Literature Review

The Nation, 2013: A reversed teaching model that delivers instruction at home through interactive, teacher-created videos and moves "homework" to the classroom.

Moving lectures outside of the classroom allows teachers to spend more one to one time with each student. Learners have the opportunity to ask questions and work through problems with the guidance of their teachers and the support of their peers - creating a collaborative learning environment.

Flipped Classroom
Literature Review

Flipped Learning Network, 2013:
Lessons available to learners to be
accessed **WHENEVER** and
WHEREVER it is convenient for the
student, at home, in class, during study
hall, on the bus to a game, or even from
a hospital bed.

Direct instruction is delivered outside
the group learning space, teachers can
then use in-class time to actively
engage learners in the learning process
and provide them with individualised
support.

Flipped Classroom
Literature Review



Flipped Classroom Advantages

Flipped Classroom Advantages

- ✓ King, 1993: Allow learners to move away from being passive listeners to active participants.
- ✓ Sezer, 2011: Learners in active learning environments show improved retention and better conceptual understanding of learned material.
- ✓ Smith, 2007: Education must involve engagement for exploration, thinking and reflection.

Flipped Classroom Advantages

a) Improved Student–Teacher Interaction

- ✓ Lecturers are not standing in front of the classroom talking *at* learners but they talk *with* learners.
- ✓ Learners become active in the learning process through learning activities delivered during the class by having lectures out of the classroom

Flipped Classroom Advantages

- b) Real-Time Feedback**
- ✓ Increased student–teacher interactions.
 - ✓ Learners received instruction through website.
 - ✓ Lecturers spent significantly more one-on-one time with learners and provide immediate and correct feedback.

Flipped Classroom Advantages

c) *Student Engagement*

- ✓ Students are used to the web and social media for information and interaction.

d) *Self-Paced Learning*

- ✓ Learners are able to learn at the pace that best suits them because lectures are available all the time.
- ✓ They also can stop and rewind explanations of concepts that they find difficult and are able to refer back to past lectures to review previous content.

Flipped Classroom Advantages

- e) **More Meaningful Homework**
 - ✓ By taking the lecture portion of the classroom at home.
 - ✓ Learners are able to utilise their teachers' one-on-one attention more successfully in the classroom.
 - ✓ Learners can discuss with their peers if they have any problems with their homework and assignment in the classroom.

Flipped Classroom Advantages

- f) **High motivation**
 - ✓ Different learners learn in different ways.
 - ✓ Delivering instruction in multiple forms, learners remain motivated throughout the learning process.

Flipped Classroom Advantages

g) Flexible time, Flexible place, Flexible device

- ✓ Learners can privately view the material at home at their own pace without worry of peers noticing them moving slower or faster.
- ✓ Learners can stop, pause, rewind, and fast forward material so that they can examine things in their own way.
- ✓ Learners do not have to worry about being absent and missing content due to face-to-face lecturing if the lessons are being taught too fast or learners are bored with the content of the lectures.

Increased cost and time



Lecturers have to prepare the videos beforehand and there might be cost involved in distribution or the material available.

Flipped Classroom
Disadvantages

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- University Announcement (17) **new**
- Registry Announcement (29)
- Exam Announcement (2) **1 new**
- Finance Announcement (16)
- CSM Announcement (2)
- LC Announcement (2)
- MyFaculty Announcement (2)
- Library Announcement (4)

Online Evaluation/Survey

- Evaluation on Tutor Performance
- Print Module
- Web-based Module
- iLecture
- Online Questionnaire on Knowledge
- Change Behaviour **new**

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BBBK1203	Principles Of Macroeconomics	Name : LINGASWARAN AL ARJUNAN Email : lingaswaran@oum.edu.my Other Email : lingeswarana@yahoo.com	Name : CHIAM CHOOI CHEA	Blended	1) 2014-03-16
BRKNR103	Business Communication	-	Name : MASS HAREEZA ALI	Blended	1) 2014-03-16
BBPW3103	Financial Management I	Name : YAMUNA RANI PALANIMALLY Email : yamuna@oum.edu.my Other Email : yamuna_26@hotmail.com	Name : RATNA KHUZAIMAH BT MOHAMAD	Blended	1) 2014-03-16
BSVP1000	Preparatory Course For Basic In Accounting	-	-	Blended	-
RSVP2000	Preparatory Finance	-	-	Blended	-
BSVP3000	Preparatory Mathematics	-	-	Blended	-

Flipped Classroom
Case in OUM

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INFORMATION TECHNOLOGY FOR MANAGEMENT (BBTP3103) Quick link to course..

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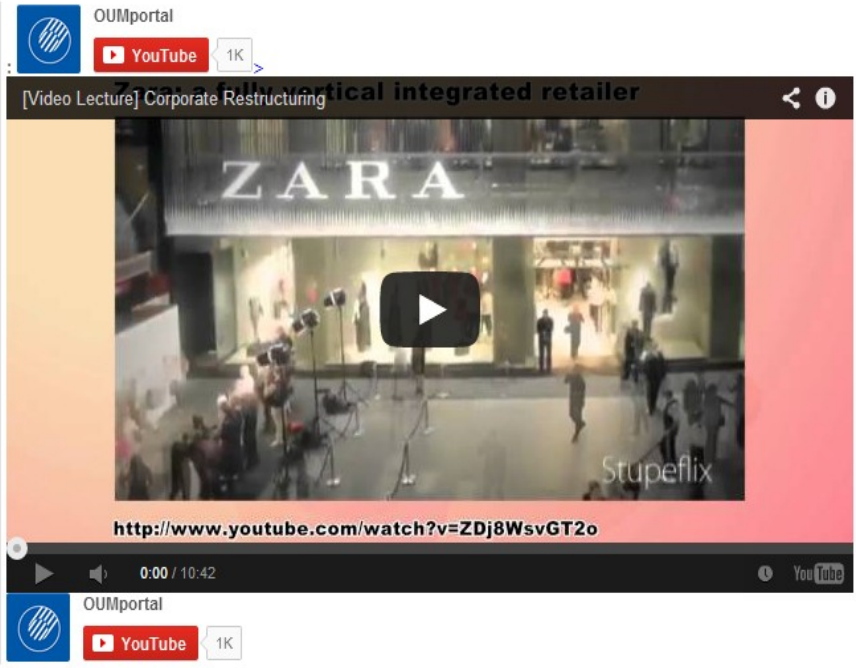
Group Tools
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Course Topic
 TOPIC 1 BUSINESS AND INFORMATION TECHNOLOGY
 1.1 IMPORTANCE OF INFORMATION TECHNOLOGY TO BUSINESS
 1.1.1 Development of Information Technology and Changes in Business
 1.1.2 Role of Information Technology in the Organisation
 1.2 WHAT IS INFORMATION TECHNOLOGY?
 1.2.1 Data, Information and Knowledge
 1.2.2 Characteristics of Quality Information
 1.2.3 Basic Concept of Information Technology
 1.2.4 Components of Information Technology
 1.2.5 Information System
 1 KEY TERMS
 1 SUMMARY
 TOPIC 2 INFORMATION TECHNOLOGY SUPPORT AND THE ORGANISATION
 2.1 RELATIONSHIP BETWEEN THE ORGANISATION AND INFORMATION TECHNOLOGY
 2.2 UNDERSTANDING ORGANISATIONAL STRUCTURE
 2.2.1 Types of Organisational Structure
 2.3 IMPLEMENTATION OF INFORMATION TECHNOLOGY IN ORGANISATIONAL STRUCTURE
 2.4 INFORMATION TECHNOLOGY ARCHITECTURE AND INFRASTRUCTURE
 2.4.1 Mainframe and Terminal Environment
 2.4.2 PC Environment
 2.4.3 Distributed Environment
 2 KEY TERMS
 2 SUMMARY
 TOPIC 3 INFORMATION TECHNOLOGY MANAGEMENT
 3.1 GOALS OF INFORMATION TECHNOLOGY MANAGEMENT

Flipped Classroom
 Case in OUM

Online Module

List Resources

Title	: [Video Lecture] Corporate Restructuring
Description	: Video Lecture 01
File/URL	 <p>The video player shows a scene from a Zara store with the brand name 'ZARA' prominently displayed. The video is titled '[Video Lecture] Corporate Restructuring' and is hosted on YouTube. The URL is http://www.youtube.com/watch?v=ZDj8WsvGT2o. The video is from the channel 'OUMportal' and has approximately 1K views.</p>

Flipped Classroom
Case in OUM

i-Lecture



Flipped Classroom