

Project Title :	Effective Implementation of the Flipped Classroom Approach in Hong Kong Higher Education for Enhanced Learning Outcomes
Leading University :	The Chinese University of Hong Kong
Participating UGC-funded University(ies) :	City University of Hong Kong, Hong Kong Baptist University, The Education University of Hong Kong, The Hong Kong Polytechnic University
Project Leader(s) :	Professor Paul LAM Lai-chuen, Associate Professor, Centre for Learning Enhancement And Research, The Chinese University of Hong Kong

The project provides essential support to teachers at a number of universities in Hong Kong who would like to adopt the more innovative teaching and learning approaches such as blended learning and flipped classroom that involve clever use of multi-media learning resources as well as re-defining activities in the class time in order to achieve higher learning outcomes.

Early adopters of the new methods need support as early as the planning stage and then in the implementation stage as well as the evaluation stage. In a project headed by the project leader of the present proposal, around 12 teachers from various disciplines have used the flipped classroom method with mixed results (<http://flipped.mcuhk.com/>). We agree with Brame that effective flipped classroom requires attention to each of the following steps while new skills and resources should be developed:

1. Exposure: providing the resources to students for first exposure of the knowledge before the lesson
2. Incentive: providing incentive for students to prepare for class
3. Assess: providing a mechanism to assess students' understanding
4. Activities: administering in-class activities that focus on higher level cognitive activities

The experience has also made us realize that a conglomerate of expertise is needed in order to better support the whole venture – something that should take advantage of this golden opportunity of cross-university collaborations. Apart from nurturing and supporting at least 5 flipped classroom courses in each university, other key deliverables will include:

1. Exposure (CityU): learning-materials-making archive, quality assurance checklist, formative evaluation consultation panel, and workshops on building resources.
2. Incentive (HKBU): “why flipped classroom” archive for students, cross-university subject-based competitions, workshops on flipped classroom rationale.
3. Assess (CUHK): flipped classroom assessment archive, development/recommendation of digital tools, and workshops on assessments.
4. Activities (PolyU): classroom activity archive, and workshops on new classroom activities.
5. Evaluation (EdUHK): flipped classroom evaluation archive, workshops on flipped classroom evaluation, and analyses of data.
6. Overall management (CUHK): invited talks, project portal website, community-of-practice online forum, workshops, project evaluation and reporting, cross-university events (e.g. <https://www.cuhk.edu.hk/clear/new/1516-s1-03.htm>), and team-building meetings.