

This is a continuation work on our existing micro-modules platform that aims to help flip the classroom for UGFN1000, In Dialogue with Nature. UGFN is one of the two compulsory courses in the General Education Foundation (GEF) Programme specially designed for the four-year curriculum in CUHK. Beginning from 2012, it became compulsory for all approximately 4000 students per year. Distributed over two regular semesters and summer semester each year, the students are put into approximately 180 classes of maximum 25 students concurrently run by over 15 full-time and part-time lecturers.

In the last three years, the team has developed over 160 micro-modules and has structured them as a supplementary courseware on the KEEP platform. So far, it has already served over 1000 students after the courseware is fully launched two years ago. It is evidenced that the courseware has received positive feedback and has effectively increased the quality of the discussions in the tutorials. Yet, with the increasing number of micro-modules produced, there were some pressing issues that needed to be addressed for it to be fully utilized as a classroom flipping tool by all the students taking UGFN1000 every year.

First, there were multiple platforms of micro-modules developed under different projects for the same course. Under this project, we have integrated them into our KEEP platform for the ease of access by the students. It also can increase the publicity of the platform so that it can benefit more students.

Second, for were so many micro-modules on the platform, students may not know where to start and which would be suitable for them to watch. We generated a featured micro-module as an introduction for each part of the course, i.e. three featured micro-modules in total. Each of them highlights the essence of the corresponding part so that students can quickly grasp the main theme and be aware of what to look for before they go on to further explore the platform on their own.

Third, most of our micro-modules were recorded in a lecture style. Over the last year, we recorded a more variety of micro-modules which are to share more from the students' perspective. Some of these were recorded as student discussions led by a lecturer or a field expert. Some others were micro-modules generated covering topics by different speakers so to generate a more diversity of voices of micro-modules available in this platform.