<div align="center">

THE CHINESE UNIVERSITY OF HONG KONG

Micro-Module Courseware Development Grant

Scheme 2: Studies in Foundation Courses

<u>Interim Report (2017-18) (Additional Call)</u>

</div>

Report due 31 August 2018.
Please return by email to mmcd@cuhk.edu.hk

<u>PART I</u>

Project title: Developing Micro-modules for Virtual Reality Experience in UGFN1000
Principal supervisor: Dr Lo Chun Yeung
Department / Unit: Office of University General Education
Project duration: From March 2018 to October 2018
Date report submitted: 22/8/2018

1. Project objectives

Is the project on track to meet its objectives?

The project is on track to meet its objectives.

Have the objectives been changed as a result of the experience of working on your MMCDG project?

The objectives have not been changed.

2. Progress on process, outcomes or deliverables

What have been accomplished so far?

The mobile application is currently under development. The development of the 2nd scenario (Newtonian Mechanics) has been completed. As for the 1st scenario (Aristotelian Cosmology), the module of "Aristotle's Celestial Model" has been completed, while the module concerning "Observation of Heavenly Bodies on Earth" is still in development. A trial version of the proposed app has been produced.

VR glasses have been purchased. A pre test survey concerning the understanding of Aristotle's and Newton's theory has been collected from students who have not used the apps.

Have any obstacles been encountered and what are the remaining tasks to be finished?

No obstacle has been encountered. Remaining tasks involve: 1) the development of the module concerning "Observation of Heavenly Bodies on Earth", 2) evaluation of the app by student surveys.

Is the project still on time for completion (which includes preparation of the final report) on or before the grant expiry date?

The project is on time for completion.

Provide a listing of project outputs to date.
- Trial version of the mobile app
- Pre test student survey

3. Evaluation Plan

Have you altered your evaluation plans?
The evaluation plans have not been altered.

Does your evaluation indicate that you have achieved your objectives?
N/A

4. Dissemination Activities (reports, websites, video links, products, *etc.*)

Provide a listing of dissemination activities to date.
- Trial version of the mobile application