Evaluation report regarding the use of DLG (Gifted Programmes) 2012-13
(Physics Enhancement Programme)

1. Brief Summary
The “Cross-Disciplinary Physics Enhancement Programme” was tailored made for the school by Dr. Wing Lau of Oxford University, UK and coordinated by the Senate House Education. 36 (F.3- F.5) students who performed well in an entry assessment and with good academic results in Physics participated in the Programme of seven 2-hour sessions from October 2012 to April 2013. The last session was the “Final Presentation Night”, during which participants competed in groups for the two Most Outstanding Project Awards (based on science content, problem solving skills & creativity, presentation skills, application and practicality) and the Most Enthusiastic Participation Award.

2. Evaluation methods, data collection and results
Interviews with teachers and students were conducted to evaluate the effectiveness. Also, there were discussions with Dr. Lau about the quality of students’ projects and general performance. The results were pleasing: students found the programme interesting and they had developed greater interest in science. They had become more confident in learning challenging topics and they all agreed that their investigation skills had greatly improved, especially after constructing their projects. Dr. Lau gave positive and encouraging comments on students’ work and he appreciated the students’ effort in making useful and creative models.

3. Recommendations
(a) If possible, similar programmes could be arranged in the future. It is also hoped that more students could be benefited from these programmes.
(b) Inviting distinguished speakers to introduce different recent science findings/investigations (outside DSE syllabus) would greatly arouse students’ interest in Physics and is highly recommended.
(c) The department would continue their collaboration with Dr. Lau and would invite him for short lectures/workshops during his stay in Hong Kong.

4. Conclusion
The programme was successful both in boosting students’ quality of learning and in further arousing students’ interest in Physics. It is highly recommended to hold similar programmes in the future.