

**CDC-HKEAA Committee on Physics and  
Combined Science (Physics Part) (2015-2017)  
Gist of First Meeting**

**Date:** 30 September 2015 (Wednesday)

**Venue:** E246, East Block, EDB Education Services Centre

**Time:** 4:00 pm – 7:15 pm

**Present:**

Prof CHAN Kwok-sum (Chairman)	Dr LO Wai-chau, Edward
Dr KWOK Ping-wai	Mr LAW Man-wai
Dr PUN Chun-shing, Jason	Mr CHUNG Sai-chak
Mr LEUNG Ngai-chung	Mr YING Pui-chi, Bosco
Mr SZETO Yuk-tong	Mr CHOI Chit-kai
Mr WONG Kim-wah	Ms LIN Chi-wan
Dr LAU Yiu-hon (recording minutes)	Mr LIU Sing-po

**Absent** (with apologies):

Mr HO Yau-sing, Willie

**Gist**

1. Mr. CHOI introduced the new members of the One-Committee. He explained the terms of reference, roles and functions of the CDC-HKEAA Committees to members. He pointed out that the term of office of the One-Committee was 2 years which started from September 2015 and would end in September 2017.
2. Prof CHAN Kwok-sum was elected as the Chairperson of CDC-HKEAA Committee on Physics and Combined Science (Physics Part) for 2015-2017.
3. The minutes of the last meeting on 9 March 2015 were confirmed without any amendments.
4. Mr Szeto, representative of HKEAA, briefed members about the results of 2015 HKDSE in Physics and Combined Science (Physics). He pointed out that the number of physics candidates was 13,184 and the number of CS(physics) candidate was 1,063 in 2015 HKDSE. He revealed that the performance of candidates was comparable to the last few years. He reported that more than 50% of candidates received a grade 4 or above in Physics and about 25% of candidates obtained a grade 4 or above in CS(physics). He further mentioned that the grading

process was based on the recommendation of Expert Panel and the Group Ability Indicator to ensure the consistency of grading levels in different years. Briefing Sessions to review the performance of candidates as well as the misconceptions of candidates in 2015 HKDSE Physics and CS(Physics) would be held on 8 and 15 October 2015. Members were invited to attend the briefing sessions in due time.

5. Mr. CHOI briefed the members about the latest updates of C&A Guides for Physics and CS(Physics). He reported to members that the updated C&A Guides would be effective after 2016 HKDSE. He pointed out that the curriculum time was reduced from 270 to 250 hours and some topics in the C&A Guides were amended. Teachers were advised to refer to the supplementary notes for further elaboration of the depth and breadth of the physics curriculum. Members agreed to have no further changes in the curriculum, SBA arrangement and public examination papers for the time being. The updates of the C&A Guides for Physics and CS(Physics) were discussed and were endorsed by members.
6. Mr. CHOI reported to the members the progress on updating of the Science Education KLA Curriculum Guide. He pointed out that the updates involved updating of the curriculum aims and other elements of the Science Education Key Learning Area, such as STEM education, scientific literacy, holistic curriculum planning, generic skills, values education and e-learning, for now and in the five to ten years to come. A consultation brief for collection of feedback about the updating of the SE KLA Curriculum Guide was drafted with major content discussed in the meeting.
7. Mr. CHOI reported to members that EDB would enhance Science, Technology and Mathematic (STEM) education in schools. He mentioned that a Symposium on Science, Technology and Mathematics Education for Secondary Schools was held on 6 July in the Hong Kong Science Park. To increase and sustain schools' and students' engagement in STEM, an Education Fair would be organised on 22 and 23 January 2016 in the Science Park. Schools would be invited to showcase their school-based projects and students' inventions that might help to arouse students' interest in STEM-related disciplines and promote STEM education to other schools in the fair. A briefing session to school exhibitors was held on 25 September 2015. He also suggested some possible strategies to integrate SE, TE and ME and invited members to share their views for discussion.
8. Mr. CHOI mentioned about some current issues related to the implementation of the SS Physics and CS(Phy) curriculum. A member pointed out that the Physics Curriculum was still too packed for students of average ability and the HKDSE examination questions were, in general, difficult for the less able students. Some

members suggested that review would be conducted to evaluate the implementation of the amended Physics and CS(Physics) Curriculum by collecting teachers' feedback after the 2016 HKDSE.

9. A list of PD programmes planned for the 2015/16 s.y. was introduced and discussed in the meeting. Members were invited to propose new teachers' professional training programmes that might help to enrich the knowledge and strengthen the capacity of Physics teachers.
10. There being no other business, the meeting was adjourned at 7:15 pm.