

**CDC-HKEAA Committee on Physics and Combined Science (Physics Part)  
(2013-2015)**

**Gist of Forth Meeting (9 March 2015)**

**Date:** 9 March 2015 (Monday)

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

**Time:** 3:00 – 6:30 pm

**Present:**

Prof HUI Pak-ming (Chairman)

Prof CHAN Kwok-sum

Dr NG Pun-hon

Mr LAW Man-wai

Mr HONG Chung-yin

Ms YAU Wing-yee

Mr LEUNG Ngai-chung

Mr YING Pui-chi, Bosco

Mr SZETO Yuk-tong

Mr HO Yau-sing, Willie

Mr CHOI Chit-kai

Dr LAU Yiu-hon (recording minutes)

**Absent (with apologies):**

Dr LO Wai-chau, Edward

Dr KWOK Ping-wai

Mr WONG Kim-wah

**Gist**

1. The minutes of the last meeting on 10 Nov 2014 were confirmed without any amendments.
2. Mr. CHOI reported and briefed members about the latest enrolment figures in 2015 HKDS Examination. The number of physics candidates in 2015 has reduced by 6% which aligned with the decreasing trend of total number of HKDSE candidates in recent years. The enrolment figure for Physics has decreased by 6.8% in 2015 when compared with that in 2014. He further pointed out the figures related to the physics candidates by percentage in the HKDS Examination from 2012 to 2015, i.e. 21.5%, 19.2%, 18.6% and 18.6% respectively. Although the figures decreased gradually, they were found to stabilize at around 19% in the last three years. Members were invited to comment on the trend of the figures and viable methods to improve the situation.
3. Mr. CHOI briefed members about the CIE report of the SS Physics curriculum. Generally speaking, the report was positive and had no adverse comments about the SS Physics curriculum. Members agreed to take CIE's suggestions for refining

the specification of learning outcomes by further updating the notes for teachers. More PD programmes would be organized for Physics teachers to strengthen curriculum design, pedagogy and support measures for more effective implementation of SS Physics curriculum.

4. Mr. CHOI briefed members about the rationale of strengthening Science, Technology and Mathematic (STEM) Education as proposed in the 2015 CE's Policy Address. He invited members to share their views and discussed about possible ways to implement STEM education in Hong Kong, thereby allowing students to fully unleash their potential in innovation.
5. Mr. CHOI reported the case of reviewing a set of e-textbooks recently by the Physics team of the Science Education Section. The technical and pedagogical requirements of e-textbooks were explained and elaborated for members' information. They were encouraged to continue to support EDB in reviewing textbooks, inclusive of printed textbooks and e-textbooks, from publishers in coming quarters of the school year.
6. A summary of PD programmes organised in 2014/15 was tabled. Members were briefed about the future direction of development of PD programmes for Physics teachers, namely e-learning, STEM and enrichment of subject knowledge. They were invited to propose new activities and PD programmes conducive to the implementation of SS Physics curriculum.
7. Mr. CHOI briefed members about the work progress on updating the values, attitudes, and generic skills of the Science Education KLA Guide and thanked some members in joining the working group on updating the Science Education KLA Guide
8. There being no other business, the meeting was adjourned at 6:30 pm.