

CCC Kei Yuen College Year Report – Biology

1 Major concerns:

- 1.1 To promote mobile learning.
- 1.2 To reinforce gifted education.

2 Achievements and reflection on major concerns:

2.1 To promote mobile learning:

Targets	Achievements	Reflection
<ul style="list-style-type: none"> • To facilitate learning through using mobile devices 	<ul style="list-style-type: none"> • Teachers attended training workshop of mobile learning. • Use of Kahoot in Q and A revision in Biology lessons • Self learning materials, experiment videos are put in eClass for students to learn before and after lesson. 	<ul style="list-style-type: none"> • More experiments for dataloggers should be used next year and mobile app for smart greenhouse could be used in teaching topic of photosynthesis for S.5 students.

2.2 To reinforce gifted education:

Targets	Achievements	Reflection
<ul style="list-style-type: none"> • Increase gifted students' participation of different competition and activities 	<ul style="list-style-type: none"> • 5 S.4 Biology students participated the Ocean Park Ecological Survey in school campus • 4 S.4 Biology students were responsible for helping primary students in Creative Fun day to do experiments and Parents' Lab visit. • 5 S.5 Biology students participated the Poly U Biology Quiz on May 2019. • 4 S.5 students participated the 52nd Joint School Science Exhibition 	<ul style="list-style-type: none"> • 5 S.4 students attend seminar, training workshops in a whole year to learn field trip technique. They make final presentation in the Ocean Park at end of second term. • With the help of Biology student helpers, primary students enjoyed the Creative fun Day in the laboratory. • 5C Chuk Wing Yi, 5D Li Pok Nga, get High distinction Award and 5D Chu Hau Laam gets distinction Award in the Biology Quiz • 4 S.5 students participated a project competition of the 52nd JSSE, they have to design a model and then make a booth to display in an Exhibition in the late August.

3 Activities:

3.1 Internal and external activities:

Date	Activity	No. of participants
17 Nov, 2018	Creative Fun Day (Biology experiments)	40 primary students and 4 S.5 student helpers
23 Sept,2018-30 June,2019	Ocean Park Ecological Survey in school campus	5 S.4 students
Nov,2018-Aug,2019	The 52nd Joint School Science Exhibition	4 S.5 students
7–15 May, 2019	STEM Week stall games and board display	S.1 to S.3

3.2 External competitions:

Competition	Organisation	Awarded students
Secondary School Maths & Science Competition	Hong Kong Polytechnic University	5C Chuk Wing Yi, 5D Li Pok Nga, get High distinction Award and 5D Chu Hau Laam gets distinction Award

4 Financial report:

No.	Category	Particulars	Budget(\$)	Actual Expenditure(\$)
1	Teaching Aids/ Materials	Cork borer x7(SSCSG)	1,750	1190
		Slow cooker *	6,000	5880
		Microscope video system *	10,000	5500
		Heart pacing blood circulation demonstrator *	4,000	2000
2	Activities	Board Display	300	0
		Files	50	0
		S4 Enhancement Prog(CEG) (\$150 x 20 hrs)	3,000	2,325
		S5 Enhancement Prog(CEG) (\$150 x 20 hrs)	3,000	0
		S6 Enhancement Prog(CEG) (\$150 x 20 hrs)	3,000	1,575
3	Others	Consumable: Chemical/Glassware	3,600	6890
		Miscellaneous items	100	0
Total			34,800	25,360

5 Major concerns in 2019-20:

- 5.1 To promote mobile learning.
- 5.2 To reinforce gifted education.

6 Working team:

Chan Ho Yin (Panel Head) Wong Sim Hung