

CCC Kei Yuen College  
Year Plan - Biology

- 1 Aims:
  - 1.1 To develop students' interest in the study of Biology and encourage them to lead a healthy life.
  - 1.2 To apply biological knowledge to daily life and evaluate its influences and significance on the living world.
  - 1.3 To develop students' skills in exploring science and enhance their ability in applying biological knowledge to solve problems.
  
- 2 Present situation:
  - 2.1 Strengths:
    - 2.1.1 Teachers are experienced and enthusiastic about teaching.
    - 2.1.2 Teachers are willing to attend seminars related to the curriculum reform.
    - 2.1.3 The Biology Laboratory is equipped with sufficient teaching aids and apparatuses.
    - 2.1.4 Teachers are willing to conduct extra lessons for students after school.
  - 2.2 Weaknesses:
    - 2.2.1 Some students have misconceptions about this subject. They think that there are many English new words to memorise. This psychological obstacle hinders their learning of this subject.
    - 2.2.2 There is a huge difference in students' learning ability. Some students have a weak foundation in science subjects. This adversely affects their learning of the NSS Biology curriculum.
  
- 3 Major concerns:
  - 3.1 To promote mobile learning.
  - 3.2 To reinforce gifted education.

4 Implementation Plan and Methods of Evaluation:

4.1 To promote mobile learning:

Targets	Strategies	Success Criteria	Methods of Evaluation	Time Scale	Teacher in Charge	Resources Required
<ul style="list-style-type: none"> <li>To facilitate learning through using mobile devices</li> </ul>	<ul style="list-style-type: none"> <li>Encouraging teachers to attend IT training workshop of mobile learning</li> <li>Encouraging the use of Flipped classroom resources</li> </ul>	<ul style="list-style-type: none"> <li>Each teacher attends at least one training workshop of mobile learning</li> <li>Use mobile device in one lesson</li> <li>Use flipped classroom videos e.g. experiment demonstrations.</li> </ul>	<ul style="list-style-type: none"> <li>Teacher Observation</li> </ul>	Whole year	Subject teachers	<ul style="list-style-type: none"> <li>Mobile apps</li> </ul>

4.2 To reinforce gifted education.:

Targets	Strategies	Success Criteria	Methods of Evaluation	Time Scale	Teacher in Charge	Resources Required
<ul style="list-style-type: none"> <li>Increase gifted students' participation of different competition and activities</li> </ul>	<ul style="list-style-type: none"> <li>To enroll students in learning activities organized by</li> <li>Selecting students to participate in inter-school Biology competitions or quiz</li> </ul>	<ul style="list-style-type: none"> <li>Participate in at least one learning activities e.g. field study programme organized by EDB or Ocean Park.</li> <li>Participate in at least one Biology inter-school competitions or quiz</li> </ul>	<ul style="list-style-type: none"> <li>Teacher Observation</li> </ul>	Whole year	Subject teachers	/

5 Budget:

No.	Category	Particulars	Budget(\$)
1	Teaching Aids/ Materials	/	0
2	Activities	Board Display	300
		Files	50
		S4 Enhancement Prog(CEG) (\$150 x 20 hrs)	3,000
		S5 Enhancement Prog(DLG) (\$150 x 20 hrs)	3,000
		S5 Enhancement Prog(CEG) (\$150 x 20 hrs)	3,000
		S6 Enhancement Prog(CEG) (\$150 x 20 hrs)	3,000
3	Others	Consumable: Chemical/Glassware	4,000
		Miscellaneous items	100
<b>Total</b>			<b>16,450</b>

6 Working team:

Chan Ho Yin (Panel Head), Wong Sim Hung