

CCC Kei Yuen College
Year Plan- Information and Communication Technology

1 Aims :

- 1.1 To help students understand computer systems, including basic concepts of hardware, software and computer operations.
- 1.2 To help students understand the application of computers in different aspects of our daily life.
- 1.3 To help students learn to use computers to process data.
- 1.4 To help students understand the impacts information technology has had upon today's society.
- 1.5 To develop students' critical thinking and problem-solving skills.
- 1.6 To help students develop decent attitude and sense of responsibility, understand and abide by the proper moral standard of using computers.

2 Present situation :

2.1 Strengths :

- 2.1.1 Students are getting more interested in learning to use computers owing to the prevalence of using computers in society.
- 2.1.2 Up-to-date application software have been purchased. Students are allowed to use them freely.
- 2.1.3 The Education Bureau provides regular funding per year to support the purchase of necessary teaching materials.
- 2.1.4 Teachers have all attained the necessary qualifications in Information Technology as required by the Education Bureau. This facilitates the implementation of Information Technology education in the school.

2.2 Weaknesses :

- 2.2.1 Students are more interested in learning the software that they can use more often in their daily life. They are less enthusiastic about learning the theoretical concepts of computer operations.
- 2.2.2 It is comparatively more difficult for students to master computer knowledge as it is more abstract.
- 2.2.3 As more and more students are using the facilities of the computer rooms, the management and maintenance of the facilities are getting more complicated.

3 Major concerns :

- 3.1 To cater for learner diversity
- 3.2 To foster positive lifestyles
- 3.3 To enhance life planning education

4 Implementation Plan and Methods of Evaluation :

4.1 To cater for learner diversity:

Targets	Strategies	Success Criteria	Methods of Evaluation	Time Scale	Teacher in Charge	Resources Required
<ul style="list-style-type: none"> To reinforce gifted education 	<ul style="list-style-type: none"> To practice using differentiated instruction strategies in catering for learner diversity 	<ul style="list-style-type: none"> For each Form, select at least one lesson to practice differentiated instruction strategies. 	<ul style="list-style-type: none"> Number of lessons adopted differentiated instruction strategies per Form. Teacher observation. 	Whole year	W.L. Lee	<ul style="list-style-type: none"> /
<ul style="list-style-type: none"> To enhance STEM related curriculum for stimulating students' innovation 	<ul style="list-style-type: none"> To reorganize S.2 and S.3 curriculum in the view of enhancing STEM related skills set. 	<ul style="list-style-type: none"> Reorganized curriculum allocates more time slots for STEM related activities. 	<ul style="list-style-type: none"> Teacher observation 	Whole year	W.L. Lee	<ul style="list-style-type: none"> Addition of 2 modules of STEM Kits.

4.2 To foster positive lifestyles:

Targets	Strategies	Success Criteria	Methods of Evaluation	Time Scale	Teacher in Charge	Resources Required
<ul style="list-style-type: none"> To nurture positive attitude in students 	<ul style="list-style-type: none"> To enrich cyber ethic related curriculum in all levels. 	<ul style="list-style-type: none"> The concern about cyber ethic amongst students is raised. 	<ul style="list-style-type: none"> Students' feedback and teachers' observation. 	Whole year	W.L. Lee	<ul style="list-style-type: none"> /

4.3 To enhance life planning education:

Targets	Strategies	Success Criteria	Methods of Evaluation	Time Scale	Teacher in Charge	Resources Required
<ul style="list-style-type: none"> To introduce ICT-related careers to students 	<ul style="list-style-type: none"> To broaden students' horizon by visiting ICT related organization. To raise students' awareness of upcoming technology trends in IT industry and the jobs they will create 	<ul style="list-style-type: none"> Arrange at least one visit to ICT related organization. Students are more aware of the technology trends 	<ul style="list-style-type: none"> Students' feedback and teachers' observation. Students' feedback and teachers' observation 	2 nd Term	W.L. Lee	<ul style="list-style-type: none"> /

5 Daily Work / Calendar of Event:

Date	Work / Event	Teacher in Charge
April 2020	Online Quiz on Technology Knowledge (KLA: Technology)	W.L. Lee
May 2020	Maths and Science Week	W.L. Lee
July 2020	Robotics DIY 2020	W.L. Lee

6 Budget:

No.	Category	Particulars	Budget(\$)
1	Teaching Aids/Materials	coSpaces Educational License Subscription (VR/AR authorizing platform)	6,000
		Software/Hardware	18,000
2	Activities	Board Display	350
		Prizes	400
3	Others	Miscellaneous items	300
Total			25,050

7 Working team:

Lee Wai Lit (Panel Head)

Ho Ho Leung