

CCC Kei Yuen College

Year Plan - Chemistry

1 Aims:

- 1.1 To learn Chemistry and its application in daily life.
- 1.2 To think, and make independent and sensible decisions with a scientific mind.
- 1.3 To use Chemistry terms to communicate with each other in the subject.
- 1.4 To experience the influences of Chemistry has had upon society, economy, environment and technology, and to care about the community and society around us.

2 Present situation:

2.1 Strengths:

- 2.1.1 Teachers are diligent in teaching and equipped with rich general knowledge and professional knowledge.
- 2.1.2 Most senior form students choose Chemistry as their first choice and show keen interest in learning.
- 2.1.3 There are sufficient teaching aids and equipment in the laboratory to support the employment of diverse teaching methods.

2.2 Weaknesses:

- 2.2.1 Teachers' workload has increased as the teaching materials need to be updated constantly due to the education reform and frequent curriculum amendments.
- 2.2.2 Students had less exposure to English as they used their mother tongue as the medium of instruction when they were in primary school. Some students are weak in English and this affects their learning.
- 2.2.3 Students are used to relying on teachers. They lack the abilities to perform active learning and making critical analyses.

3 Major concerns:

- 3.1 To cater for learner diversity
- 3.2 To enhance life planning education

4 Implementation Plan and Methods of Evaluation:

4.1 To cater for learning diversity:

Targets	Strategies	Success Criteria	Methods of Evaluation	Time Scale	Teacher in Charge	Resources Required
<ul style="list-style-type: none"> To enhance curriculum planning 	<ul style="list-style-type: none"> Trying to write experimental procedure, design experiment or improve experimental parameters 	<ul style="list-style-type: none"> At least one experiment being tried 	<ul style="list-style-type: none"> Review at meetings 	Whole year	Subject teachers	/
<ul style="list-style-type: none"> To enhance mobile learning 	<ul style="list-style-type: none"> Use of mobile learning 	<ul style="list-style-type: none"> At least two units being taught by using mobile learning e.g. Kahoot, wRite Formula, on Color measure 	<ul style="list-style-type: none"> Review at meetings 	Whole year	Subject teachers	<ul style="list-style-type: none"> Mobile phone, Tablet

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"> Nominating S.4 and S.5 students to participate in “Australian National Chemistry Quiz” Nominating S.5 students to participate in “The Joint School Science Exhibition” and “2019 Secondary School Mathematics Science Competition (SSMSC)” 	<ul style="list-style-type: none"> More than 80% students score pass or higher marks in one of the competitions Students pass the proposal competition and are qualifying to participate the project exhibition in “The Joint School Science Exhibition”. 	<ul style="list-style-type: none"> Calculate the number of students participated in the competitions Review at meetings 	Whole year	Subject teachers	/

4.2 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 enhance students’ understanding of life planning 	<ul style="list-style-type: none"> Provide information about university programmes which related with chemistry for students 	<ul style="list-style-type: none"> Sharing on the use of website 	<ul style="list-style-type: none"> Review at meetings 	Whole year	Subject teachers	<ul style="list-style-type: none"> Mobile phone, Tablet

5 Budget:

No.	Category	Particulars	Budget(\$)
1	Teaching Aids/ Materials	/	0
2	Activities	S.4 Enhancement Prog(CEG/DLG) (\$150 x 15 hrs)(10hrs : enhance, 5hrs : elite)	2,250
		S.5 Enhancement Prog(CEG) (\$150 x 20 hrs)	3,000
		S.5 Elite Prog(DLG) (\$150 x 10 hrs)	1,500
		S.6 Enhancement Prog(CEG) (\$150 x 30 hrs)	4,500
		S.6 Elite Prog(DLG) (\$150 x 15 hrs)	2,250
		Travelling fee	1,500
		Board Display	200
		Competition Entry fee (LWL) S.4 : \$85 x 60 students S.5 : \$85 x 30 students	5,100 2,550
		Consumable: Chemical / Glassware	5,500
		3	Others
		Total	28,500

6 Working team:

Lam Sin Yee (Panel Head), Cheng Sau Ha