

**ST. LOUIS SCHOOL ANNUAL PLAN 2019-2020****SUBJECT / TEAM****Mathematics****(I) Aims**

Students are able to perform with good results in HKDSE

(II) Situational Analysis**(a) Strengths**

Very good cooperation among colleagues; most students show positive attitudes to the subject.

(b) Weakness

Insufficient teaching hours in M1 & M2 extensions

(c) Opportunities**(d) Threats****(III) Highlight****(a)****(IV) Short Term Direction****(a)****(b)**

(V) Areas of Concern**1. SDP 2019-2022 (Major Concern 1): *Students as visionary leaders possessing enhanced thinking skills, especially creativity and problem solving*****Program title (1): WebQuest (An inquiry- oriented activity) (S2 & S3)**

Targets	Strategies	Success Criteria	Methods of Evaluation	Time Scale	Person in charge	Resources Required
1.2 Students have solid and extensive knowledge base	Extending knowledge acquisition beyond classroom teaching and textbooks through WebQuest	<ul style="list-style-type: none"> - Each S2 and S3 student could complete the individual work by himself. - Each group could complete the group works before the due date. 	<ul style="list-style-type: none"> - Criteria in rubrics 	April & May 2020	Mr. Lai TW S2 & S3 Math Teachers	\$ 100

Program title (2): Training Program for 'The 21st Hong Kong Mathematical High Achievers Selection Contest' (S3)

Targets	Strategies	Success Criteria	Methods of Evaluation	Time Scale	Person in charge	Resources Required
1.3 Students are able to identify needs and devise ways to meet the needs when facing problems, especially those real-life problems	Participating in competitions that stress on creativity and/or problem solving	<ul style="list-style-type: none"> - Student(s) can get honor prize(s) of the contest. 	<ul style="list-style-type: none"> - Students' attendance during the training program - Students' results of the competitions 	Stage 1: Oct & Nov 2019 Stage 2: Jan 2020	Ms. Cheung YL Mr. Lai TW	\$ 400

Program title (3): HKMO, HKIMO HK Preliminary and Pui Chung Mathematics Competition 2020

Targets	Strategies	Success Criteria	Methods of Evaluation	Time Scale	Person in charge	Resources Required
1.3 Students are able to identify needs and devise ways to meet the needs when facing problems, especially those real-life problems	After school training sessions were arranged for the participants	Attendance rate over 80%	Attendance Record	20 Hours	CWK	\$17000

(VI) Other panel-based / team-based concerns:**Program title (1): EMI Bridging Program for S1 Students**

Targets	Strategies	Success Criteria	Methods of Evaluation	Time Scale	Person in charge	Resources Required
Students with diverse learning abilities and needs are facilitated and supported to raise their academic performance	To help students overcome deficiencies and resistance in learning	- About 75% of S1 students show improvement in the written tests.	- Comparing their results in written tests	Sept 2019 to May 2020	S1 Math Teachers	\$ 100

Program title (2): Mathematics Remedial Program for Less Able Students (S1- S3)

Targets	Strategies	Success Criteria	Methods of Evaluation	Time Scale	Person in charge	Resources Required
Students with diverse learning abilities and needs are facilitated and supported to raise their academic performance	To help students overcome deficiencies and resistance in learning	<ul style="list-style-type: none"> - The effectiveness of the program is over 3.5 (in a 5-point scale). - About 75% of participants show improvement. 	<ul style="list-style-type: none"> - Questionnaire (Student feedback form) - Comparing their math rankings in Mid-year Exam and Term Test 	Feb 2020 to March 2020 (Sat mornings: 0930 – 1100)	Mr. Lai TW Ms Cheung YL Mr. Tsoi CF Mr. Leung SP	\$ 1,400

Program title (3): Analyses the students' performances in Territory-wide System Assessment (TSA) to design suitable strategic enrichment or consolidation practice accordingly

Targets	Strategies	Success Criteria	Methods of Evaluation	Time Scale	Person in charge	Resources Required
Utilize the evaluation data to analysis students' abilities in order to provide essential feedback	Analyses the students' performances in Territory-wide System Assessment (TSA) to design suitable strategic enrichment or consolidation practice accordingly	<ul style="list-style-type: none"> - S3 students show improvement in Mock Tests or Territory-wide System Assessment. 	<ul style="list-style-type: none"> - Comparing the performances of S3 students in Mock Tests or Territory-wide System Assessment 	Dec 2019 and Mar 2020 to May 2020	LTW CYL	NIL

(VII) Provisional Scheme of work

Month	Events	PIC / VPIC
Sept 2019	- Beginning of EMI Bridging Program for S1 students	- Mr Lai TW and S1 Math Teachers
Oct 2019	- Training Program for the 22nd HK Mathematical High Achievers Selection Contest and Pui Ching Mathematics Competition 2020	- Mr Lai TW, Ms Cheung YL & Mr Tsoi CF
Nov 2019	- Training Program for the 22nd HK Mathematical High Achievers Selection Contest and Pui Ching Mathematics Competition 2020	- Mr Lai TW, Ms Cheung YL & Mr Tsoi CF
Dec 2019	- Analyses the students' performances in Territory-wide System Assessment (TSA)	- Mr Lai TW
Jan 2020	- Training Program for the 22nd HK Mathematical High Achievers Selection Contest and Pui Ching Mathematics Competition 2020	- Mr Lai TW, Mr Tsoi CF & Ms Cheung YL
Feb 2020	- Training Program for the 22nd HK Mathematical High Achievers Selection Contest and Pui Ching Mathematics Competition 2020 - Mathematics Remedial Program for less able students [S1 – S3]	- Mr Lai TW, Ms Cheung YL & Mr Tsoi CF - Mr Lai TW, Ms Cheung YL & Mr Tsoi CF
Mar 2020	- Mathematics Remedial Program for less able students [S1 – S3]	- Mr Lai TW, Ms Cheung YL, Mr Tsoi CF & Mr Leung SP
Apr 2020	- WebQuest [S2 & S3]	- Mr Lai TW, S2 & S3 Math Teachers
May 2020	- End of EMI Bridging Program for S1 students - Remedial Courses for less able S5 students - Enhancement Course for S3 able students	- Mr Lai TW and S1 Math Teachers - Mr Cheung CK & Mr So HY - Mr Cheung CK
Jun 2020	- Remedial Courses for less able S5 students	- Mr Cheung CK & Mr So HY
Jul 2020		
Aug 2020		

Budget and Other Resources

	Amount
EXPENDITURE	
A. General Panel / Team-based budget	
A1. EMI Bridging Programme for S1 students	100.00
A2. WebQuest (An inquiry-oriented activity) [S2 & S3]	100.00
A3. Mathematics Remedial Program for less able students [S1 – S3]	1,400.00
A4. Remedial Courses for less able S5 students	4,000.00
A5. Printing Quotas (for A.4)	400.00
A6. Printing Quotas (for teachers, 26 classes)	390.00
A7. Printing Quotas (for Enhancement Course for S3 Able Students)	100.00
A8. Teaching Resources Fees (Pearson & Oxford)	3,000.00
Sub-total (A) =	9,490.00
B. CEG	
B1. Training Program for the 22nd HK Mathematical High Achievers Selection Contest [S3]	8,000.00
B2. Training Programme for the HKMO, HKIMO and Pui Ching Mathematics Contest	17,000.00
Sub-total (B) =	25,000.00
C. Furniture and Equipment (F & E)	
C1.	
C2.	
Sub-total (C) =	
D. DLG	

D1.	
	Sub-total (D) =
E. Reading Grant	
E1.	
E2.	
	Sub-total (E) =
F. Life Wide Learning Grant (LWLG)	
F1.	
F2.	
	Sub-total (F) =
G. Budget of items using other specific grant from EDB* : _____ *Chinese History, NCS or Student Support grant	
G1.	
G2.	
	Sub-total (G) =
H. Other Resources	
H1.	
	Sub-total (H) =
	Total Expenditure =
	\$34,490.00

(VIII) Members

1A	NWM
1B	TCF

1C	NWM
1D	NWM
1S	CYL

2A	CSL
2B	LTW
2C	TCF
2D	CYL
2S	LSP

3A	CYL
3B	CYL
3C	LTW
3D	LTW

4A	TCF
4B	LSP
4C/4D	LSP (M1) / TCF (M2)

5A	LTW
5B	CCK
5C/5D	LSP (M1) / CWK (M2)

6A	TKL
6B	CCK
6C/D	SHY (M1) / CWK (M2)