

56/110

保良局羅傑承(一九八三)中學法團校董會

發文者：羅穎忠校長

受文者：主席兼屬校總校監

校監


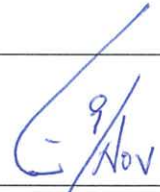


副行政總監兼替代校董／行政總監兼校董

教育總主任兼校董

8 NOV 2017
教育事務部入件日期

檔案編號：PLK/ESD/LMY/1718/027

日期：8/11/2017

主旨	請核准 <input checked="" type="checkbox"/> 考慮 <input type="checkbox"/> 指示 <input type="checkbox"/> 簽署 <input type="checkbox"/> 報告 <input type="checkbox"/> 備考 <input type="checkbox"/> 其他 <input type="checkbox"/> 向中學發放一筆過津貼以推動 STEM 教育計劃書(2017/2018)		
說明	注意：請逐項詳述要點或用圖表說明，倘有需要請作比較及分析，凡有依據者須列明出處或附影印本。 總結亦請作建議及解決辦法。		
	背景： 按教育局指引及本校法團校董會最新審批/簽署安排，學校須提交各項學校計劃書及學校報告予法團校董會通過。 現況及建議： 本校已完成向中學發放一筆過津貼以推動 STEM 教育計劃書，請法團校董會批核有關計劃書，詳見附件。 尋求指示： 按建議進行。 附件： 向中學發放一筆過津貼以推動 STEM 教育計劃書 2017/2018 ✓ <div style="text-align: right;">  羅穎忠校長謹呈 </div> <p>已於 27/11/2017 法團校董會傳閱通過</p>		
教育總主任兼校董簽署	<input checked="" type="checkbox"/> 批示 <input checked="" type="checkbox"/> 傳閱		
副行政總監兼替代校董簽署	<input checked="" type="checkbox"/> 批示 <input checked="" type="checkbox"/> 傳閱		行政總監兼校董簽署 <input type="checkbox"/> 批示 <input type="checkbox"/> 傳閱
校監／保良局屬校總校監簽署	<input checked="" type="checkbox"/> 批示 <input checked="" type="checkbox"/> 傳閱		
<input checked="" type="checkbox"/> 校董傳閱 請各法團校董會校董簽名同意後傳真至 2890 2519 教育事務部【楊健忠教育總主任】兼校董收。保良局教育事務部稍後會安排收回正本。如有問題，可致電 2277 8380 向【楊健忠教育總主任】兼校董查詢。 校董簽名：_____ 日期：_____			
其他意見(如適用)：_____			

171888

Po Leung Kuk Lo Kit Sing (1983) College

Plan on Use of One-off Grant for the Promotion of STEM Education (2017/2018)

Item(1)

Task Area	Major Area(s) of Concern	Strategies/Tasks	Benefits Anticipated	Time Scale	Resources Required	Success Criteria	Method(s) of Evaluation	People Responsible
Information Technology and Engineering	Making models from different kinds of materials and designing 3D models	Implement 3D scanner, laser cut machines and related accessories	Enhance new tools and technology in STEM development	Whole academic year (2017/2018)	A lump sum amount of \$58,000	Successfully producing 10 sets of 3D models by students	Meetings and reports from teachers; Questionnaires	LKT (I.T.)

Item(2)

Task Area	Major Area(s) of Concern	Strategies/Tasks	Benefits Anticipated	Time Scale	Resources Required	Success Criteria	Method(s) of Evaluation	People Responsible
Science and Technology	Applying Micro:bit In STEM activities	Small projects in science station/ ECA activities / competitions	Developing problem solving skills through science and technology	Whole academic year (2017/2018)	\$60,000 (For micro:bit and accessories; For competitions)	80% students of the involved form participate in the science station activities; About 40 students participate in the competitions	Meetings and reports from teachers; Questionnaires	LTK (Science) ; CCA (Technology)

Task Area	Major Area(s) of Concern	Strategies/Tasks	Benefits Anticipated	Time Scale	Resources Required	Success Criteria	Method(s) of Evaluation	People Responsible
Mathematics and Engineering	Making 4D Frame models	Workshop / competitions	Enhance students' understanding in three dimensional spaces and their creativity in problem solving	Whole academic year (2017/2018)	\$12,000 (For workshop and material)	Producing models of good quality (>10 sets)	Meetings and reports from teachers; Questionnaires	CCP (Mathematics)

Total amount for the proposal: \$130,000.00

	Item(1)	Item(2)	Item(3)	Total
Amount	58,000.00	60,000.00	12,000.00	130,000.00

Balance B/F 2016/2017: HK\$200,000.00

Total estimated grant to be received from EDB for 2017/18: HK\$0.00

Total estimated expenditure 2017/2018: HK\$130,000.00

Estimated surplus: HK\$70,000.00

Principal: 
 Date: 01 NOV 2017