

計劃終結評估報告
Project-end Evaluation Report

計劃編號
Project No. : 2017/0106

計劃名稱
Project title: Dome 互動學習室
Interactive Learning Dome

機構 / 學校
Organization / School: 天主教新民書院
Newman Catholic College

進行日期
Date: 06/2018 (月/年) 至 11/2019 (月/年)
(month/year) to (month/year)

Poor		Below Average	Satisfactory			Good		Excellent		N/A
1	2	3	4	5	6	7	8	9	10	999
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

1. 達致目標
Attainment of Project Objectives

The project aims of promoting STEM education and nurturing students' creativity and problem solving skills through building Interactive Learning Domes with microcomputers and sensors to conduct STEM learning activities were attained.

2. 對學習成效的長遠影響
Impact on Learning Effectiveness

1	2	3	4	5	6	7	8	9	10	999
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Though designing and building the Interactive Learning Domes, students' self-directed learning and motivation were enhanced. In a school visit, the Grantee conducted a lesson to foster students' IT skills through analyzing the structure of dome-shape buildings. The learning and teaching material developed were conducive to students' daily learning. It was observed that the students actively participated in the lesson and responded to teacher. Students acquired useful generic skills and self-learning habits.

3. 對專業發展的長遠影響
Impact on Professional Development

1	2	3	4	5	6	7	8	9	10	999
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The Grantee took the lead to co-ordinate project activities and prepare the learning and teaching materials with the participating schools. Individual school-based curriculum was enriched and the learning and teaching materials adapted to benefit different levels of students. Teacher professional capacity was enhanced through their participation in project activities. New teaching strategies were explored. Teachers acquired useful knowledge and the learning effectiveness was boosted

4. 對學校發展的長遠影響
Impact on School Development

1	2	3	4	5	6	7	8	9	10	999
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The Grantee worked closely with teachers of collaborating schools to design lesson plans and the learning and teaching resources. Teachers provided valuable suggestions on the development of the resources and how to incorporate the technology into daily learning and teaching. According to final report submitted by the Grantee, two sets of learning and teaching resources in STEM were developed

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and they were ready for school's tryout, such as Mathematics and Science equation related to Dome, and the multiplicity of Dome. Some students in elite team were trained as ambassadors to build a large Dome and promote the multiplicity of Dome to the public. A positive school culture and new initiatives were promoted.

5. 成本效益
Cost-effectiveness

1	2	3	4	5	6	7	8	9	10	999
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The learning and teaching materials developed would continue to be used in the school-based curriculum. The project materials developed such as PVC Dome, and teaching kits could be used by other schools. The project outcomes could be sustained and the project was considered cost-effectiveness.

6. 整體評級
Overall Rating

1	2	3	4	5	6	7	8	9	10	999
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The project aims at promoting STEM education and nurturing students' creativity and problem solving skills through building Interactive Learning Domes with microcomputers and sensors to conduct STEM learning activities were attained.

7. 成果及計劃推廣
Project Dissemination

(a) 成品
Deliverables

項目簡介 (如種類, 標題等) Item descriptions (e.g. type, title etc)	評審成品的質素及推廣價值 Evaluation of the quality and dissemination value of the item	推廣模式 (如複製, 研討會等) Suggested mode(s) of dissemination (e.g. reproduction, seminar etc)
1. Two sets of learning and teaching resources in STEM were developed, such as Mathematics and Science equation related to Dome	The learning and teaching materials developed can be easily adapted for use by other schools.	Sharing sessions for teachers; seminar and reproduction of learning and teaching
2. The multiplicity of Dome.	The learning and teaching materials developed can be easily adapted for use by other schools.	Sharing sessions for teachers; seminar and reproduction of learning and teaching

(b) 無形成果 (如良好措施, 經驗等)
Intangible outcomes (e.g. good practices, experiences, etc.)

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- (c) 你會否建議這個計劃作進一步推廣？
Do you recommend this project for wider dissemination? 建議
Recommend 不建議
Not Recommend

填報人
Reported by: _____ 簽署
Signature: _____
職位
Date: _____
Position: _____

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