

CHIU LUT SAU MEMORIAL SECONDARY SCHOOL
2021-2022

Evaluation of Use of Capacity Enhancement Grant

Enhancing Learning and Teaching of LS & PSHE, Mathematics & Science and providing support for CLP, OLE & STEM teacher.

Objectives

To relieve the workload of and providing support to **LS & PSHE, Mathematics & Science, CLP, OLE & STEM** teachers so that they can focus on enhancing the effectiveness of the learning and teaching strategies.

Expense

\$746,902.87 (including MPF)

Areas of Success

With the employment of three teaching assistants, the following has been achieved:

1. For LS & PSHE Departments:
 - 1.1 Teachers' workload in non-classroom teaching aspects was relieved as the teaching assistant helped perform administrative tasks such as providing technical support to teachers especially for online lessons and quizzes, offering assistance in preparing the teaching and learning materials, such as Liberal Studies DSE past paper with learning tasks and exemplars, scanning test and examination papers for record purposes, typing handouts and exercises for learning and teaching materials, designing artwork for display boards etc.
 - 1.2 Test and examination results were analyzed to evaluate students' academic performance.
 - 1.3 Records of documents and mark sheets were kept systematically and minutes of the LS & PSHE panel meetings were prepared promptly by the teacher assistant. Therefore, teachers could make use of the records to monitor the progress of students.
 - 1.4 The teaching assistant helped with the stocktaking of department equipment and books. Reference books and materials were coded and kept in the department's resource bank properly.
 - 1.5 The teaching assistant helped organize LS & PSHE-related activities. He prepared documents and gifts, took photos and videos etc. Through joining these activities and competitions, students' interest in learning has been enhanced.
2. For Mathematics & Science Departments:
 - 2.1 Records of documents and mark sheets were kept carefully and minutes for the Mathematics & Science panel meetings were prepared.
 - 2.2 Teachers' workload was relieved as the teaching assistant helped prepare various materials

such as printing teaching materials, scanning examination papers and past papers, preparing reading articles to students etc.

- 2.3 Examination results were analyzed to facilitate refinement of learning and teaching materials.
- 2.4 The teaching assistant set up online quizzes for students. With her help on posting and organizing the online materials, reporting the homework submission status of students, teachers had a clear understanding of the online learning progress of students.
- 2.5 The teaching assistant also assisted in inventories record keeping, stocktaking, filing, inputting student information, collating materials, typing notes, preparing and maintaining equipment and teaching tools.
- 2.6 In order to assist cross-border students in their learning, teaching assistants organize relevant learning materials into electronic files, which teachers can distribute to cross-border students via email to meet their learning needs.

3. For CLP, OLE & STEM Education Teams:

- 3.1 Teachers' workload was relieved as the teaching assistant helped facilitate the implementation of CLP, OLE, STEM Education activities and school functions.
- 3.2 The teaching assistant assisted in all preparation and routine works, such as arrangement of CLP activities, handling the student application for applied learning programs, admission to universities and Mainland higher education institutions. He also assisted in organizing career and life planning activities, collecting of OEA records, preparing statistics about the JUPAS results and Multiple Pathways of S.6 students.
- 3.3 For OLE, the teaching assistant helped data entry of student ECA registration and assisted in arranging of OLE activities. He accompanied students on visits, outings and OLE activities. He also helped coach booking, quotation invitation and the preparation of LWL Grant proposal and report.
- 3.4 The teaching assistant also assisted in the preparation and routine work for the proposed STEM curricula, student project-based learning activities. He invited quotations and assisted in organizing the STEM workshops for RoboMaster, 3D Printing, Laser-cutting and Unity Programming as well.

Areas of Concern

1. For LS & PSHE Departments:

- 1.1 LS & PSHE teachers' workload is very heavy, especially changes of curriculum in Chinese History, the preparation for the new subjects "Life and Society" and "Citizenship and Social Development" in junior form and senior form respectively. In order to create more room for teachers to cope with their heavy workload and keep up with the new education trend, teaching assistants are highly needed to enhance learning and teaching effectiveness.
- 1.2 Learners' diversity has added burden to the subject teachers. Learning and teaching materials have to be devised to cater for learners' diversity and new teaching strategies

should be developed to cope with the needs of students.

1.3 To increase students' exposure, more different types of activities should be organized to provide opportunities for students to explore and apply the knowledge learnt in their daily life.

2. For Mathematics & Science Department:

2.1 Learners' diversity in senior secondary levels have added burden to subject teachers. Different sets of learning and teaching materials and new teaching strategies should be developed to cope with the needs of students.

2.2 There is a lack of Mathematics teachers in recent years. As a result, teachers' workload and pressure have largely increased. In order to create more room for teachers to cope with their heavy workload, teaching assistants are much needed to enhance learning and teaching effectiveness.

3 For CLP, OLE & STEM Education Teams:

3.1 Since STEM is not an independent subject, it involves subjects like Computer Literacy, Design and Technology, and Mathematics. To relieve the workload and providing support for teachers, the role of teacher assistant is very important.

3.2 The COVID 19 pandemic has seriously affected students' normal school life. To balance the development of students' academic and mental life by organizing OLE activities is important. Additional manpower is required to reduce the teachers' workload.

Suggestions

In order to further improve learning and teaching strategies, teaching assistants should continue to be employed to help create room for teachers to focus on curriculum planning and refinement of teaching pedagogies and formative assessments, etc. in the subjects.