



Final Report of Project

Project No. : 2016/0745

Part A

Project Title: Campus TV: Enabling Diversified Student Learning Skills and Enhancing Teaching and Learning

Name of Organization/School: Tai Po Sam Yuk Secondary School

Project Period: From January 2018 (month/year) to October 2018 (month/year)

Part B

1. Attainment of objectives
2. Project impact on learning effectiveness, professional development and school development
3. Cost-effectiveness – a self-evaluation against clear indicators and measures
4. Deliverables and modes of dissemination; responses to dissemination
5. Activity list
6. Difficulties encountered and solutions adopted

Name of Project Leader: _____ Name of Grantee*: _____

Signature: _____ Signature: _____

Date: _____ Date: _____

Attainment of Objectives

When Tai Po Sam Yuk Secondary School (TPSY) established its Campus TV in 2006, the programmes aired catered mainly to the needs of the English department, i.e., providing additional methods of teaching and learning of English. The scope and number of programmes have since been much expanded. Many students have been trained to use the equipment and since the beginning of the 2018-2019 academic year, CTV has not experienced a lack of productions or programming.

With the improved system since the beginning of this school year, on Monday to Thursday, video programmes are broadcast into the S1-S3 classrooms and to the plasma TVs at the front office lobby and at the covered playground near the tuck shop. Live broadcasts are also regularly aired, especially for morning devotion. Every Day 6, language programmes are broadcast into the S1-S6 classrooms. Videos that have been uploaded to the Campus TV (CTV) web platform are broadcast to all classrooms – some are live broadcasts while others are pre-recorded or previously produced programmes. There have been over 70 video programmes broadcast live since September 2018.

Objective statement	Activities related to the objective	Extent of attainment of the objective	Evidence or indicators of having achieved the objective	Reasons for not being able to achieve the objective, if applicable
Using the TV resources to be used in general education and to improve students' learning	<ul style="list-style-type: none"> • Prog 1-17 • Teacher and student training of new facilities (Aug-Sept 2018) • Collecting statistics (Teacher and student survey (October)) 	Fully achieved	<ul style="list-style-type: none"> • Over 80% of students and teachers surveyed agreed that CTV has improved students' learning • Discussion with CTV team and other teachers provide indications that students understood 	



			better various topics showed and had their interest heightened	
Enhancing students' mastery of Liberal Studies requirements through viewing and producing programmes	<ul style="list-style-type: none">• Prog 7, 12-13, 18• Collecting statistics (Teacher and student survey (October))• Oral presentations were done by students themselves, thus further improving their familiarity with the LS issues	Over 85%	<ul style="list-style-type: none">• Over 85% of students and teachers surveyed agreed that the programmes have improved understanding of various topics in Liberal Studies (LS)• Discussion with CTV team and other teachers showed the topics covered by the programmes were current and increased students' knowledge of LS topics, especially the Morning Reading materials• Oral presentations helped students improve their familiarity of	



			the LS issues and thus spiking their interest.	
Improving students' learning interest and self-learning ability in various subjects	<ul style="list-style-type: none"> • Prog 1-6, 11, 14-17 • Collecting statistics (teacher and student survey) (October) 	Over 80% attained	<ul style="list-style-type: none"> • Over 85% of students and teachers surveyed agreed that the programmes improved students' understanding of topics covered • Discussion with CTV team and other teachers revealed that students were more attentive and the topics were not too heavily academic. Therefore, students paid more attention to visual information 	
Promoting personal development of students in using CTV resources (both live and video recordings)	<ul style="list-style-type: none"> • Prog 1-4, 9-11 • Teacher and student training of new facilities (Aug-Sept 2018) • Ongoing CTV campus activities • Live 	Over 90% attained	<ul style="list-style-type: none"> • Over 90% of students and teachers surveyed agreed that CTV programmes promoted the personal 	



	<p>programmings (e.g. Morning Devotions (Prog 14), Singing Competitions (Prog 16), Leadership Inauguration Ceremony, Parents' Day, Gospel Week, Song Dedication (Prog 16))</p> <ul style="list-style-type: none"> • Programmes that feature students, e.g., Gospel Week (Prog 15), other Cross-curricular activities and other programmes hosted by students themselves • Collecting statistics (teacher and student survey) (October) 		<p>development of students</p> <ul style="list-style-type: none"> • CTV team that were involved in programming showed confidence in using the new equipment • Majority of the students liked seeing themselves and thus displayed greater confidence in the topics that they were featured in 	
<p>Strengthening students' morality, establishing good values and self-confidence</p>	<ul style="list-style-type: none"> • Prog 5, 9, 14-16 • Ongoing CTV campus activities • Live programmings (e.g. Morning Devotions, 	<p>Over 80% attained</p>	<ul style="list-style-type: none"> • Over 80% of students and teachers surveyed agreed that the videos helped boost students' 	



	<p>Singing Competitions, Leadership Inauguration Ceremony, Parents' Day, Gospel Week, Song Dedication)</p> <ul style="list-style-type: none"> • Collecting statistics (teacher and student survey) (October) 		<p>self-esteem and confidence</p> <ul style="list-style-type: none"> • CTV team that were involved in programming showed confidence in using the new equipment • Majority of students felt encouraged by the content of the broadcasts 	
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Project Impact

Improving Learning Efficiency

By watching some of the subject-based videos, students have found it easier to understand abstract and difficult topics. This has helped to improve the learning efficiency and atmosphere in the whole school. For example, some Math and Science programmes deal with things that students encounter in their daily life. The subject matter becomes more attractive to them and their motivation to learn is enhanced.

The CTV team comprising of students and teachers (two teaching assistants and a teacher) video-tape and produce live broadcasts. Students involved are current members of CTV group and those who have previously been members of CTV as an extra-curricular activity. Students are given the opportunity to manage the studio and produce video programmes. They are continually trained to produce programmes of different kinds and edit them before they are broadcast.

Programmes specifically produced for the English department have helped students' language skills. For example, over 80% of students who joined the Hong Kong Schools Speech Festival have watched the videos produced by the department and have used them to boost their learning and performance.

Mastering Liberal Studies (LS) Study Skills

By producing different LS videos, students pruned their thinking skills in the subject. Furthermore, many have found it easier to understand abstract ideas through the broadcasts. The design of the programmes is closely related to the content of the thinking skills taught by the LS department. So that, it can enhance the students analyzing the information, draw on and elaborate from the perspective of different stakeholders. Also, students learn to apply the LS concept to integrate reasons and impacts of the issues raised.

The programmes showcase the end-products of students' analytical skills. They have all been designed according to DSE's IES [Independent Enquiry Study] programme content, allowing students to master the requirements of the LS DSE course, formulate focused and clear enquiry questions, and apply concepts and knowledge in IES. Therefore, once students have written their essays and then watched the programmes produced, their understanding of what they have learned in LS is deepened. For stronger students, these programmes visually reinforce what they have learned and for weaker ones, they visually improve their learning of the topic.

Stimulating Students' Interest and Facilitating Their Self-learning

Training is provided for students at different levels, in video production technique, video editing, interview skills and videography within the time allotted to a project. Training in the use of live broadcasting by using the non-linear editing system is offered. The live broadcasts into the classrooms and Plasma TVs cater to various students' needs. Hence, they definitely increase students' confidence in the related areas and making them more interested in the learning content.

For teachers, they are given access to the equipment used in the classroom for videotaping their lessons, which are to be broadcast. What's more, they can make extra videos related to their teaching subjects or incorporate some extra-curricular knowledge and then upload them to our YouTube channel or the school's Intranet (Intranet or Cloud). In this way, students are able to watch the videos after school and engage in self-learning. Therefore, it has facilitated the process and practice of students' self-learning. With the upgraded facilities, teachers have been able to see the improved quality of productions and witness the greater effectiveness on their teaching and their students' learning. Thus, demand for usage has increased.

Promoting Personal Development

The results of the survey showed that through the broadcast programmes, students have been able to enrich their knowledge of the various topics. They have also enjoyed seeing themselves in the numerous activities that they participated in. They can see themselves succeed and creating something of quality and beneficial to many. This has enhanced their self-image and reinforced in their minds the activity they took part in.

Students of the CTV team have been involved in videography of various events. They are required to edit the recording of various activities. Observed by tutors, they are able to increase their ability to not only use the editing software but also move on to independently produce a video without too much prompting.

Programmes have been made from interviews of some alumni in order to continually encourage current students of the school. Viewers are not only the present student body but also members of the Alumni Association as the videos are uploaded onto the TPSY YouTube channel.

Enhancing Students' Moral Ethics and Self-esteem

As a Christian school, TPSY believes in promoting good values and strengthening self-confidence. The morning devotions form an important vehicle for reaching this aim. Besides these, the school's bi-yearly Gospel Weeks are also taped and live-streamed. All these programmes build good values and boost morals.

Through the App Box programme, the school has been able to broaden students' horizons and help them appreciate their schoolmates and teachers. CTV has been actively involved in helping the Guidance department in producing this programme. It has also broadcast other motivational videos to students to reflect on their life goals. Students' participation in service activities have also been show-cased, thus encouraging all others to participate in coming events.

Improving the Overall Image of the School

With the upgraded facilities, the recordings are now of a much higher quality. In addition, the video bank has increased in its richness. Through the YouTube Channel, live broadcasts have been aired to the public. In this way, not only parents, but alumni and the public have access to information about the development of the school. The school's integral image is enhanced and the alumni, are given more opportunities to liaise with their alma mater.



Cost Effectiveness

Budget Items <i>(Based on Schedule II of Agreement)</i>	Approved Budget (a)	Actual Expense (b)	Change [(b)-(a)]/(a) +/- %
General Expenses	\$5,000.00	\$4,500.00	-0.10%
Equipment	\$151,600.00	\$147,300.00	-2.84%
Service	\$5,000.00	\$5,000.00	0.00%
Works	\$114,500.00	\$126,200.00	10.22%



Dissemination Value of Project Deliverables

Item description (e.g. type, title, quantity, etc.)	Evaluation of the quality and dissemination value of the item	Dissemination activities conducted (e.g. mode, date, etc.) and responses	Is it worthwhile and feasible for the item to be widely disseminated by the QEF? If yes, please suggest the mode(s) of dissemination.
<p>The teacher invites students who have participated in the training to join CTV and then continue training to enable CTV to keep up the production and publicity of the station.</p>	<p>High quality of training for students and teachers alike. Both groups feel knowledgeable of the equipment and its usage.</p> <p>High quality training for students who continue to serve the CTV productions and are actively involved in the live broadcasts.</p>	<p>The TV training on August 28 was mainly about teaching how to use the new system such as the new white balance setting, fade function, add emblem and subtitles, live broadcast, video, HDMI wireless transmission, transmission equipment, NAS storage platform, etc.</p> <p>September 20 & 26 training for students was carried out on the same content as teachers, but with more practical hands-on experience.</p> <p>Teachers and students alike were more confident to use the system after the lessons. CTV students further pruned their skills when the need arose to have live broadcasts into the classrooms (especially during morning devotions).</p>	



<p>Shared experiences with other schools</p>	<p>A good reference and sharing of best practices and vice versa.</p>	<p>Visit to Secondary School (2017-2018 school year)</p> <p>Highly beneficial to both schools through the sharing of information</p>	
<p>Showed developments of CTV in news and website</p>	<p>High quality information</p>	<p>Emails sent on various occasions of programming, since the opening of the upgraded CTV (Year Round)</p> <p>Open Day Banner promoting CTV facilities</p> <p>On School Open Day, the new facilities were introduced to all stakeholders. They were well-received by all viewers</p>	
<p>Promotional Posters and introduction of new facilities to be disseminated to local residents, visitors, parents, alumni and students that QEF has sponsored the "new" CTV.</p>	<p>High quality promotion of facilities during the School's Open Day.</p> <p>Professional Promotional Banner</p>	<p>Tour of CTV facilities given to guests – alumni and the general public – during Open Day (November 2018)</p> <p>Open Day Banner promoting CTV facilities (November 2018)</p> <p>Highly appreciated by students, teachers, local residents, visitors, parents and alumni.</p>	



<p>Catering for student diversity, videos uploaded online for teaching and learning.</p> <p>Supporting school's e-learning direction.</p>	<p>High quality of production</p>	<p>Through various platforms, Google classroom and _____ teachers have uploaded videos produced by CTV as well as other learning videos to be viewed by students.</p> <p>Enhancing teaching pedagogy and learning effectiveness. (Whole year)</p> <p>Highly appreciated by students and teachers.</p>	
<p>In-house broadcasting of video programmes</p>	<p>High quality live broadcast programming</p>	<p>Programme 1-17 (All year-round, since September 2018)</p> <p>Highly appreciated by students, teachers and other viewers.</p>	<p>Yes, https://www.youtube.com/c/TaiPoSamYukSecondarySchool/live</p> <p>https://www.youtube.com/channel/UC'bgkJ-cQa3C_y-48iyxWiMA</p>
<p>Uploading videos to School Website and YouTube</p>	<p>High quality live broadcast programming</p>	<p>Programme 1-17 (All year-round, since September 2018)</p> <p>Highly appreciated by students, teachers and other viewers.</p>	<p>Yes, https://www.youtube.com/channel/UC'bgkJ-cQa3C_y-48iyxWiMA</p>



Activity List

Prog	Programme Details	Brief Description	Participants	Feedback from participants
Prog 1	TPSY's English/Chinese in the Air	<ul style="list-style-type: none"> • 6-15 mins • Every Day 6 	Whole School	<p>About 73-77% of students felt that the broadcasts helped them with their English and Chinese.</p> <p>Over 80% of teachers felt that the English programmes helped students with their English listening skills.</p> <p>100% of teachers felt the Chinese programmes helped students increase their knowledge of Chinese.</p>
Prog 2	Higher Reading Programme	<ul style="list-style-type: none"> • 3-5 mins • Every Day 6 	Whole School	<p>About 80% of students felt that the broadcasts spiked their interest in the books introduced.</p> <p>Over 90% of teachers felt that the introduction of books spiked students' interest to borrow the books.</p>
Prog 3	TPSY@ENG-Drama (English Summer Programme Video)	<ul style="list-style-type: none"> • 40-90 mins • Once a year 	Whole School	<p>About 73-77%% of students felt that the broadcasts helped them with their English.</p> <p>Over 80% of teachers felt that the English programmes helped students with their English listening skills, and also enhanced their confidence.</p>
Prog 4	TPSY@SUPER LIVE (Live Broadcast)	<ul style="list-style-type: none"> • 40-90 mins • 4-6 times a year 	Whole School Parents Community	<p>About 85% of students felt that the broadcasts helped enhance their experience.</p>



Prog	Programme Details	Brief Description	Participants	Feedback from participants
				Viewing rate increased by 98% on the YouTube site since the new C*TV was launched.
Prog 5	Life Planning for Graduation Student	<ul style="list-style-type: none"> • 30-60 mins • 1-2 times a year 	Whole School Alumni Parents	For the most recent batch of graduates, the programme had not yet been aired.
Prog 6	TPSY@S.Union Vote	<ul style="list-style-type: none"> • 15-20 mins • 2-4 times a year 	Whole School	<p>About 70% of students felt that the broadcasts helped enhance their experience.</p> <p>Almost 98% of teachers felt that the broadcasts helped increase students' attentiveness especially to the voting activity and have a better understanding of the candidates involved.</p>
Prog 7	Liberal Studies, Thinking easy	<ul style="list-style-type: none"> • 3-5 mins • almost weekly 	Whole School	<p>About 85% of students felt that the broadcasts helped them with knowledge of the LS topics.</p> <p>Almost 98% of teachers felt that the broadcasts helped increase students' knowledge of current affairs.</p>
Prog 8	Maths+	<ul style="list-style-type: none"> • 3-15 mins • almost weekly 	Whole School	<p>About 84% of students felt that the broadcasts helped them with understanding the various math topics.</p> <p>About 94% of teachers felt that the broadcasts increase students' knowledge of various math topics.</p>



Prog	Programme Details	Brief Description	Participants	Feedback from participants
Prog 9	TPSY +Energy	<ul style="list-style-type: none"> • 3-15 mins • almost every two weeks 	Whole School	<p>83% of students felt that the videos helped increase the atmosphere for activity.</p> <p>Almost 98% of teachers felt that the visual aids helped with creating a positive atmosphere for the activities involved.</p>
Prog 10	Se -one point Smart	<ul style="list-style-type: none"> • approx. 3-5 mins • almost every two weeks 	Whole School	<p>About 85% of students felt that the broadcasts helped them understand various science topics.</p> <p>100% of the teachers felt that the programmes increased students' knowledge of the various topics in science.</p>
Prog 11	VA	<ul style="list-style-type: none"> • approx. 3-5 mins • almost every two weeks 	Whole School	<p>About 85% of students felt that the broadcasts spiked their interest in art and increase their knowledge about various aspects of the subject of art.</p> <p>Almost 98% of teachers said that the art programmes enhanced students' understand the subject of visual arts.</p>
Prog 12	To Know More, to Be Smart More	<ul style="list-style-type: none"> • approx. 3-5 mins • approx. 4 times a year 	Whole School	<p>About 85% of students felt that the videos helped them with knowledge of the LS topics and understand better how to analyze and reflect on the various topics presented.</p>



Prog	Programme Details	Brief Description	Participants	Feedback from participants
Prog 13	LS I PBL Demonstration	<ul style="list-style-type: none"> • approx. 20 mins [all S3 classes] • approx. 4 times a year 	Whole School	<p>About 85% of students felt that the videos helped them with the knowledge of the LS topics.</p> <p>Students involved also showed their critical skills via the broadcast.</p> <p>Almost 98% of teachers felt that the broadcasts helped increase students' knowledge of various LS topics.</p>
Prog 18	General concept for one minute	<ul style="list-style-type: none"> • approx. 2-3 mins • approx. 5-8 times a year 	Whole School	<p>About 85% of students felt that the videos helped them with the knowledge of the LS topics, and further enhancing their awareness of current affairs that deal with LS.</p> <p>Almost 98% of teachers felt that the broadcasts further increased students' awareness of various LS topics.</p>
Prog 14	TPSY Devotion	<ul style="list-style-type: none"> • approx. 5-8 mins • approx. 10-20 times a year 	Whole School	<p>Over 80% of students felt that the broadcasts helped to increase their attentiveness and to better understand things from a different perspective.</p> <p>Almost 96% of teachers felt that the broadcasts increased students' attentiveness.</p>
Prog 15	TPSY Gospel Show	<ul style="list-style-type: none"> • approx. 10-20 mins • approx. 5 times a year 	Whole School	<p>About 80% of students felt the Gospel Show helped them in a positive way.</p>



Prog	Programme Details	Brief Description	Participants	Feedback from participants
				89% of teachers felt that it gave students a better perspective of life and knowledge of God.
Prog 16	TPSY I LOVE YOU	<ul style="list-style-type: none">• approx. 5-15 min• At least 3 times a year	Whole School	About 80% of students felt the show helped them in a positive way. 89% of teachers felt that students were encouraged by the song dedication.
Prog 17	Site visits (Tours Around the World)	<ul style="list-style-type: none">• approx. 2-5 mins• approx. 2-4 times a year	Whole School	About 88% of students felt the broadcasts helped them better understand the various tours that the school undertakes. Almost 98% of teachers felt that the programmes helped students gain knowledge of the various tours that the school has each year.

Difficulties Encountered and Solutions Adopted

Over all, the project was a great success. However, there were a few minor setbacks. After testing the system at the beginning of the school year, certain classes had problems with their broadcasting. After weeks of testing, the vendor found that the problem was with the main video mixer which was causing the technical problems. Though we were able to broadcast successfully, some of the classes were affected during this time frame. We received timely feedback from our teachers and student helpers and were able to rectify the problem with the help of the vendor.

Our expected time-frame for the completion of the upgrade and renovation of the upgraded CTV was delayed due to the vetting process, as well the vendor not being able to schedule the contractors to finish the work on time. As result, the initial testing for the system was delayed. Fortunately, by the start of the 2018-2019 school year, we had a system that could broadcast live to the classrooms. However, as mentioned earlier, the main mixer had a bug that was only rectified near the end of the project timeline.

Due to the delays mentioned above, we only had our room fully upgraded at the end of the Summer of 2018. Therefore, students could only get familiar with the system at the start of the school year and near the end of the project completion. Our statistics at the end of the 2017-2018 school year was still about the evaluation of the CTV using old equipment. Nevertheless, since our CTV had been producing programmes all along, students were able to grasp the new system easily. The survey results taken in October/November 2018 showed that the quality of the programmes had improved, significantly helping student learning.

As our school newsletter does not come out until the second term of the 2018-2019 academic year, we were not able to promote it through this means at the time of this report. However, we were able to promote our new facilities during Open Day of 2018 (the current school year of 2018-19) to the community, alumni, parents and potential new students. CTV also further promoted it to the students and the parents via our monthly circular and e-mails. CTV will continue to further promote live broadcast via this mode of communication and the school's newsletter will have an article on the upgraded facilities.

Our programmes were many and extensive in coverage. As a result, it was hard to find sufficient time slots to target all students. The usual broadcast time for videos to be broadcast in our school in previous years was only on Day 3 and Day 6 during the Morning Reading period (a 20-minute only slot). This was inadequate for broadcasting all the programmes to students. As a result, we started the lunch time broadcasts. As the survey results show, this did peak students' interest in the various subjects and activities covered. Due to the flexibility of the new system, students could also continue watching the programmes online, if that was their desire.