2022 SEAMEO-Japan ESD Award

Theme: Education Transformation through Partnership

SUBMISSION FORM

The submission deadline is 31 July 2022
Full Information: https://link.seameo.org/2022SEAMEOJapanESDAward

PART I: DETAILS OF YOUR SCHOOL

1. Name of your school: CRECENCIA DRUCILA LOPEZ SENIOR HIGH SCHOOL
2. Full address: DLMP COMPOUND, BARANGAY SAN ROQUE, SAN PABLO CITY, LAGUNA, PHILIPPINES
3. Postcode: 4000
4. Country: PHILIPPINES
5. School's telephone number (country code+city code+telephone number): +63 049 564 6980
6. School's Email Address: 342575@deped.gov.ph
7. Name of the Head Master/Principal/School Director: DENWARD R. PACIA
8. Name of the Teacher Coordinator: Reyna Marie C. Garcia
9. Email address of the Coordinator: reynamarie.clorado@deped.gov.ph
10. School website (if available): Facebook Page: https://www.facebook.com/DepEdTayoCDLSHS342575/?ref=pages_you_manage
11. Educational level (Such as Kindergarten 1 to Grade/Year 9): GRADE 11 & 12
12. Total number of teachers in your school: 43
13. Approximately number of teachers participated in this programme: 12
14. Total number of learners in your school: 2050 (854 Technical-Vocational-lIvelihood (TVL) learners and 1196 Academic learners)
15. Approximate number of learners participated in this programme: 150 TVL learners

PART II: INFORMATION ABOUT THE SCHOOL'S PROGRAMME

The information of part II from no.1 to 14 should not be over five (5) pages long of A4 in total. The information should be written in **Times New Roman/Calibri font, font size 11**.

1. Title of the school's programme

PROJECT TECH-VOC LAB ON WHEELS

2. Summary of the programme (a half page of A4)

Tech-Voc Lab on Wheels is a self-contained, stand-alone, and traveling laboratory that accommodates learner participation in hands-on training and exercise in the different TVL specializations. The main goal of Project Tech-Voc Lab on Wheels is to bring the TVL laboratories to the communities where the TVL learners are located. Wherein, the TVL Teachers can provide and conduct basic skills training sessions in their respective TVL specialization. It will also serve as an "Alternative Work Immersion" platform since face-to-face classes are limited during the time of the pandemic.

This project seeks to address inadequacies that hamper the successful implementation of the different learning modalities being offered by the school in teaching TVL specialization. It is primarily intended for TVL learners who lack the necessary tools and equipment at home to perform skill-related tasks required in their TVL strand. It will also aid the parents who have difficulties guiding and teaching their learners in using the self-directed learning modules.

The main feature of TVL specialization is its focus on practical skills and preparing the SHS learners for employment, this makes distance learning particularly challenging in this area. Skill-related competencies are often acquired through hands-on training, which normally occurs in school-based workshops and laboratories, or through hands-on experience acquired through work immersion. Based on the TVL teachers' and learners' feedback last 1st quarter, the different LDMs being employed by the school have a weak flaw in terms of practical exercises especially when they require the use of tools and equipment or materials not commonly available at home. The school's TVL specialization offering struggles the most with adjustment to the different learning modalities because they rely mainly on acquiring hands-on experience and training. This project ensured that the learners acquired the necessary basic skills needed in their chosen TVL specialization and showcased the school's and SDO San Pablo City's resilience amidst the pandemic without sacrificing the standards of quality education, safety, and security of learners and teachers.

3. Objectives/goals of the school's programme

This project aims to:

1. address the gap in teaching TVL skill-related competencies during this time of the pandemic,
2. provide a Home-based Work Immersion opportunity for TVL learners and
3. train learners to acquire the basic competencies required in their chosen TVL specialization.

4. Period of the time when the programme has been started

June 2021

5. Activities (strategies/activities of implementation, and brief information of each activity)

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Implementing Work Immersion (WI) for TVL track also comes as a challenge during the time of its initial implementation even with the issuance of DM-CI- 2020-00085 "Guidelines for Work Immersion

Implementation During Crisis Situations" last June 2, 2020, which promotes Home-based work immersion as an alternative to regular work immersion. Still, the big question remains, how can the school provide SHS TVL learners with opportunities to become familiar with the workplace, stimulate employment, and apply their competence in their chosen TVL specialization during this pandemic without the necessary tools and equipment needed for each specialization at the learner's home? All the specializations that are being offered by the school require hands-on practice and training on the use of specific tools and equipment not commonly found inside the home of the learners which puts them at a disadvantage. To develop learners' technical know-how they were able to master the basic skills needed in their chosen specialization. This is through the use of different teacher-made materials susch as session plans, lesson plan, activity sheets, and hands-on training, based on TESDA standards.

6. Teaching and learning approaches/strategies that the school has integrated into the programme

Project Tech-Voc Lab-on-Wheels was conducted for TVL learners of Crecencia Drucila Lopez Senior High School. Twelve teachers from different specializations were trained and undergo the Trainers Methodology under TESDA to equip them to train learners. The specialization teachers identified the list of competencies necessary for the learners to learn. Then each of them prepared the session plan to be facilitated in class.

Project TechVoc Lab on Wheels brings the laboratory to the community especially the far-flung barangays of San Pablo City and nearby cities and provinces to teach the learners the basic specialization skills they need. The learners learn through experience the knowledge needed in specializations in Home Economics, Industrial Arts, and Information and Communications Technology.

The main goal is to make TechVoc training a real-life experience for CDLSHS learners. The lab on wheels has a complete set of training tools, computers, and appropriate multimedia equipment and accessories. This training equipment will complement the skills needed to meet the competency of each specialization.

7. Details of partnership and community participation in the school's programme

The school is very thankful to the community and school partners for their unwavering support of the different programs of the school, especially to Project Tech-Voc Lab on Wheels

Support from the Schools Division

The project was fully supported by the Schools Division of San Pablo City headed by the Schools Division Superintendent, Dr. Daisy Z. Miranda by donating the old school's division van and letting it to be repurposed to be the First Tech-Voc Lab on Wheels in the City of San Pablo.

The Elementary Schools in the division catered to the project by allowing the TVL Lab on Wheels to set up on their respective school-covered court prioritizing the safety of the learners and teachers.

Support from the Local Government

The unwavering support of Hon. City Mayor Loreto S. Amante paved the way by donating another van, a brand-new van that will be utilized to reach more of the TVL learners.

The Barangay Chairpersons of the different barangays catered to the project by allowing the TVL Lab on Wheels to set up on their respective covered court or open spaces so that learners from their barangay and neighboring barangays will be able to attend the session.

Support from the Rotary Club International

Rotary Club of San Pablo and Rotary Club International donated Tools and Equipment for different TVL specializations (Bread and Pastry Production, Cookery, Computer System Servicing, and Computer Programming)

8. Monitoring and evaluation mechanisms

To ensure that the project is effective for learners, teachers, and stakeholders, regular monitoring and evaluation are done. Carrying out the skill competencies required for each lab-on-wheels roll-out is essential. Performance of the skills required is always done after each lesson. This is beneficial for the learners since it is the major reason for the project. Evaluation is also done after each class session where learners can give feedback about the teaching and learning process as well as the equipment used in the laboratory. Honest feedback from the learners is gathered for further improvement of the project.

9. Effectiveness of the school's programme to learners, teachers, families, and community

Project Tech-Voc lab on Wheels has proven to be a success in terms of the following:

Learners

According to the learner's feedback the project helps them to understand the competencies necessary to perform a specific task in their specialization which is very hard to do if their just going to read and follow the instructions from the teachers remotely. They gained confidence in their skills to venture deep in pursuing their passion in their chosen TVL specialization.

Teachers

The project is very useful to the TVL teachers because through it they can remediate or enrich lessons that cannot be ordinarily performed through modules or remote instructions because it needs physical interaction between learners and teachers. They were able to reach out to learners at risk of failing or dropping out because by bringing the TVL lab to a location near to them they were able to give them proper instructions using the right tools and equipment.

Families

The project is very helpful to the families of the learners because the mobile lab is already equipped with the necessary tools and materials it will not entail additional costs for the families to complete a special task or output which is required for each TVL specialization.

Community

The project symbolizes the effort of the community to lessen the effects of COVID-19 on the learners. Through the project, the local executives and private organizations were able to reach out to the learners needing assistance in their learning by providing assistance in the deployment of the mobile laboratory and donating additional tools and materials needed by each specialization.

10. Plan for future

The school plans to continue the project even after the 100% return of face-to-face classes in Basic Education in the country. The mobile laboratory can be used for remedial and enrichment classes for TVL learners who will have a hard time transitioning back to in-person classes. It can also serve as a learning hub for out-of-school youth in the city and in partnership with the Alternative Learning System the school can extend its services to all people interested to learn about Technical-Vocational-Livelihood specializations.

11. Interrelationship of the school's programme with other Sustainable Development Goals (SDGs) (Please refer to page 2 in the Information Note or https://sustainabledevelopment.un.org/sdgs)

Project Tech-Voc Lab on Wheels is one of the school's innovation projects that was launched to promote quality education even in the time of the pandemic. One of its goals is to accommodate learners' participation in hands-on training and exercise in different TVL specializations regardless of the learner's gender. The project also caters to learners with special educational needs promoting equality for all kinds of learners.

The main feature of TVL specialization is its focus on practical skills and preparing the SHS learners for the four curriculum exits which are employment, college education, entrepreneurship, and middle-level skills development. Preparing them to be globally competitive individuals for them to have decent work so that poverty will be lessened and will result in zero hunger leading to good health and well-being. With these, the school is looking forward to SHS learners being part of a strong institution promoting peace and justice making them part of competitive communities.

All of these were made possible through partnerships from the schools' division, local government units, different organizations, communities, and stakeholders.

12. Link(s) to the information of school's programme in social media platforms such as facebook, website, youtube

The following are the links to the information about Project Tech-Voc Lab on Wheels from the school's facebook page - DepEd Tayo Crecencia Drucila Lopez SHS, division facebook page - DepEd Tayo San Pablo City, and DepEd Philippines Facebook Page

- https://www.facebook.com/DepEdTayoLUSDO/posts/oua-memo-00-0622-0047awardees-of-deped-edtech-awards-2022-best-educational-techn/4911134819015415/

- https://www.facebook.com/DepEdTayoCDLSHS342575/photos/a.139646634480554/5690411782207762
- https://www.facebook.com/DepEdTayoCDLSHS342575/photos/a.139646634480554/5690314782208732/
- https://www.facebook.com/DepEdTayoCDLSHS342575/photos/a.139646634480554/5407742210344458/
- https://www.facebook.com/110378854073999/posts/pfbid02EzXbX5nFakYWwPRibgveni5GQsoGGKkkWVpK9RdYZy64v8mBVy2ZfYVutBJNHNHDl/
- https://www.facebook.com/110378854073999/posts/pfbid02mU6QDGAbEvLSXQmivSms3oFzG1kcnJQBYmqsjtrsP7FbAKzoGgse6YpA2Sfrc3hfl/
- https://www.facebook.com/110378854073999/posts/pfbid09rGy7aroo3K2hc4D2wHkbcCtiAQNEVSU8Hx8G3NJUGDfD6mLrDg7bBK1k7QS9JT5l/
- https://www.facebook.com/110378854073999/posts/pfbid0V1pLjaC4abYu1YyFoohHxyC2Bczsicd7S6pLVE5T83h1TVTNyyMg7PGX9gduLgmhl/
- https://www.facebook.com/110378854073999/posts/pfbid0DBgqVk8mn7Hh5g6knebDSafvHzYk8CgWMxEtsxweRHRiM99BKEv5SDUhXoXvEQjGl/
- https://www.facebook.com/110378854073999/posts/pfbid0CVHARXF4Sbq64CSyRefUMJEhkV1mFQnzSJqcfykYGDQ2huBHULMGCexBnfYdLhgGl/
- https://fb.watch/eAnINJlnzB/
- https://www.facebook.com/110378854073999/posts/pfbid0fFoxNeZA9JRLPMrya1dw7quRhzAb5oDSnsMGR1jhcisVLXeVghzGhS5445VTLeS4l/
- https://www.facebook.com/110378854073999/posts/pfbid0L2EGTdaSgvWtorFzDv7n8uPyCMmB72oFKFuiXE2yftPQTW8W67LQYg7XXRdx7xkil/
- https://www.facebook.com/110378854073999/posts/pfbid0Y2E1dzs3MDR2sMnHvB7jWMtnWZo2p5wKwbg4TAZ9tPXcoojRVokzjKHKW4RHEtbbl/
- https://www.facebook.com/110378854073999/posts/pfbid02t8hRLhvmft6xvWFKd3v9gaveAcS92zhxt8Rj9fY4pnHurCKKk8DP7vhhgycNiAvAl/
- https://www.facebook.com/DepEd-Tayo-San-Pablo-City-117194159691609/photos/pcb.780373373373681/780373203373698/
- https://fb.watch/eAo37CK2z0/
- https://www.facebook.com/DepEd-Tayo-San-Pablo-City-117194159691609/photos/pcb.772271600850525/772271380850547/
- https://fb.watch/eAooE36Wzq/

13. (Optional) List of supporting documents such as a copy of the school operational plan or school management plan, action plan, learning/teaching materials, lesson plans, samples of learner worksheet, manuals, etc.

Document 1: Tech-Voc Lab on Wheels Supporting Documents 1
Document 2: Tech-Voc Lab on Wheels Supporting Documents 2

14. Photos related to the activity/programme (Maximum of five (5) photos with captions in English)

The teacher demonstrated how to make ensaymada and dinner roll. The skills learned in this activity are weighing and shaping the dough. The competency acquired is preparing basic yeast bread according to the required TESDA standard.

Learner attendees performed AutoCAD under the supervision of the specialization teacher. Learner attendees were task to perform the assigned activity and later scored based on how they executed their performance and output.

Information and Communications Technology with a specialization in computer programming took part in the Project TechVoc Lab-on-Wheels. Six learners from Barangay Dolores, San Pablo, a far-flung area in the city attended the Tech-Voc Lab-on-Wheels where the competencies in creating a webpage with JavaScript and CSS were discussed and trained. Learners were able to create simple web pages in that one-day activity.

The Electronic Products Assembly and Servicing (EPAS) specialization discussed and trained the competencies of soldering electronic components. The teacher emphasizes the need for the basic knowledge of preparing units, tools, and workplace for soldering; the safety precautions in soldering and creating a quality solder joint.

A demonstration class where the specialization teacher is designed to enhance the knowledge, skills, and attitudes of an individual in the field of automotive servicing in accordance with industry standards. Its competencies such as service charging and starting system, service Engine mechanical system, service clutch system, service differential and front axle, service steering system, overhaul manual transmission, service brake system, and service suspension system are shown in this session. This competency taught in this activity is adjusting ignition timing.