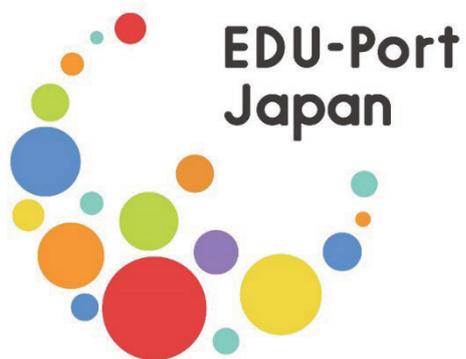


EDU-Port Japan

List of Projects

Ministry of Education, Culture, Sports,
Science and Technology- JAPAN



March 2023

Table of contents

2021 Research Projects

■ Pilot study on improving school health environments using ICT	Malawi	NPO Colorbath	P. 1
■ Development of an educational model for solving public health and SDGs issues through online “Tokkatsu” (special activities)	Egypt, Malaysia, Indonesia	PADECO Co., Ltd.	P. 2
■ Verification research on the challenges and possibilities for development of Japanese-style school health that contributes to the SDGs	Laos, Cambodia, Nepal, Bangladesh, Niger, Ghana and Kenya	Shinshu University	P. 3
■ Development project for hygiene education and school health room system in Cambodia by Kagawa University	Cambodia	Kagawa University	P. 4
■ Study on Healthy and Safe Schools for the Post-COVID-19 Era in the Asia-Pacific Islands	Philippines, Indonesia, Federated States of Micronesia, Marshall Islands, Palau, Fiji, Tonga, and Guam (United States of America)	University of the Ryukyus	P. 5

2021 Supported Projects

■ Systematic support for afforestation studies in Vietnamese school education	Vietnam	Kikutake Gakuen and Nagoya Sangyo University	P. 6
■ Online exporting Japanese-style dance education known as “SOUSAKU-DANCE”	People’s Republic of China, Romania, Republic of Korea, Singapore, Australia	NPO MIYAZAKI C-DANCE CENTER	P. 7
■ Pilot project for inquiry-based mathematics education in Indonesia and Thailand	Indonesia and Thailand	Casio Computer Co., Ltd.	P. 8
■ Project of academic skills development at elementary schools in the Emirate of Abu Dhabi	Emirate of Abu Dhabi (United Arab Emirates)	Kumon Institute of Education Co., Ltd.	P. 9
■ Roll-out of hands-on technical education through enhanced practical subjects and improving faculty member’s skills	Kingdom of Bhutan	Kansai University	P. 10
■ Development of Japanese-style physical education classes in Vietnam by local subsidiary Jacpa Vietnam Co., Ltd.	Vietnam	JACPA Co., Ltd.	P. 11
■ STEAM education project for young children incorporating features of Japanese early childhood education	Vietnam	Gakken Holdings Co., Ltd.	P. 12
■ Management of kodomoen (center for early childhood education and care) that provides Japanese-style early childhood education and training of teaching staff	Vietnam	Pacific International Academy Global Co., Ltd.	P. 13

2022 Research Projects

■ Improving the Quality of Learning through Fukui-style Education : Collaborative Development Project between Japan and the African Region	All of Africa with Malawi as the core, while focusing also on Ethiopia, Egypt, South Africa, and Uganda	University of Fukui	P. 14
■ Improving Non-cognitive Skills of Industrial Workers through Habitual Mathematics Learning and Measuring its Effectiveness	Republic of South Africa	Kumon Institute of Education Co., Ltd.	P. 15

2022 Supported Projects

■ Project of Improving Science Education utilizing Science Experiment Kits in Turkey	Turkey	IC Net Limited	P. 16
■ Findings in Covid Era reward new Japan-Cambodia ICT Future Classroom	Cambodia	UCHIDA YOKO CO., LTD.	P. 17
■ Math Proficiency Improvement Project using ICT tool of Japanese method	Philippines	SHINKOSHUPPANSHA KEIRINKAN Co., Ltd.	P. 18
■ Introducing "Forestanet" – a platform for teachers to share Japanese-style education – in Vietnam	Vietnam	SPRIX Corp.	P. 19
■ Creation of diverse learning opportunities through collaboration between Sri Lanka and Japan	Sri Lanka	SuRaLa Net Co., Ltd.	P. 20
■ Mizuno HEXATHLON program for introduction into the public primary education system in Vietnam	Vietnam	MIZUNO Corporation	P. 21
■ Introduction of Japanese-style music education in primary education in Egypt	Egypt	Yamaha Corporation	P. 22
■ Introduction of Japanese-style instrumental music education in primary education in Brazil	Brazil	Yamaha Corporation	P. 23
■ Online assessment exams of high-school students' academic ability	Viet Nam	LabHok Co., Ltd.	P. 24
■ Development of model curriculum of food science and implementation of Japanese-style science education	Republic of Peru	Indiana Global Learning Center	P. 25
■ Education for International Understanding through collaborative learning for Well-Being	Republic of Senegal	EDU-Mo Co., Ltd.	P. 26
■ Introduction of Japanese-style music education in primary education in India	Republic of India	Yamaha Corporation	P. 27

The aim of this project is to clarify the actual status of the school health environment in Malawi through the use of ICT, and to create a general-purpose demonstration model by carrying out activities aimed at resolving challenges. Specifically, the project conducts ICT training for Malawi teachers and a survey on such matters as how families are contacted to understand the facility environment, and the awareness of teachers and initiatives undertaken in the school health and ICT fields in Malawi, as well as creates the opportunity for international exchange between schools in Japan and Malawi.

Project Purpose

1. Based on this study, carry out pilot activities to improve school health environments by utilizing knowledge on Japanese-style education in relation to health staff and school organization management.
2. Create opportunities for schools in Japan and Malawi to interact with each other and learn together through ICT-based exchanges, and contribute to the revitalization of the Japanese educational scene as a model case for international exchange in the with/post COVID-19 era.

Activities & Outputs

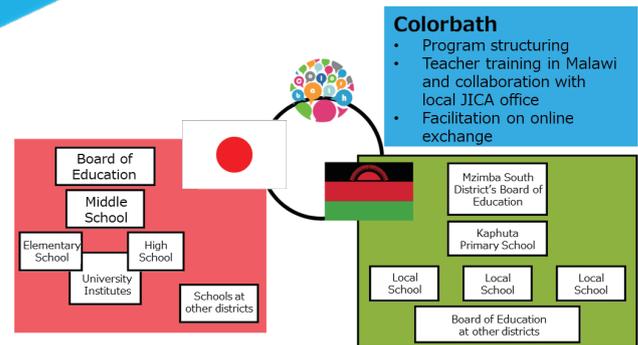
【Training in the use of ICT for teachers in Malawi】

Interviews on the use of ICT and training in its use were carried out. Expectations regarding the use of ICT are high, and step-by-step training based on the actual situation will be needed in the future.

【Improvement Activities Using ICT】

Through the exchanges between students and teachers in Malawi and Japan, it was decided to set up a beautification committee in Malawi. New educational activities will be undertaken, with students playing a key role in tackling tree-planting activities, supported by the teaching staff.

Implementation Structure



【Dissemination Activities by Malawian Teachers】

Opportunities were created for teachers at other schools to observe the initiatives at Kaphuta Primary School, currently the main base for practical activities, and for teachers to share their know-how. There is a continuing need to carry out surveys regarding the use of ICT to pass on information requiring the cooperation of the family, such as information on health education.

【Benefit to Education in Japan】

In coordination with educational institutions/ local governments etc., opportunities for discussion beyond the boundaries of the industry-government-academia sectors were provided.



ICT training in progress



Online exchange between Japan and Malawi



An all-school assembly in Malawi



A symposium on education held in Shunan City, Yamaguchi Prefecture

Way Forward & Message from the Project

We were able to carry out more or less what we had planned, in communication with the teachers in Malawi.

The teachers in Malawi were very enthusiastic and interested, and we have been able to continue and expand the online international exchanges. When starting from a situation where there has been virtually no experience of using ICT equipment, it is important to ascertain where to start and what the eventual aim is; and going forward we will keep a close eye on this as we proceed with the training. Furthermore, rather than thinking in terms of an instant development and expansion of the use of ICT, our aim will be to go forward sharing initiatives in Japanese-style education as an analogue method of education, while actively promoting ICT in those areas where it can be used.



Japanese-style class discussions will be held in multiple countries to discuss themes such as SDGs-related problems in terms of health and hygiene, etc., with the aim of creating healthy lifestyle habits, such as handwashing, and changing behavior, both at school and at home. “Tokkatsu” will be modeled according to local contexts through the online reciprocal observation of class discussions. Simultaneously, guide methods will be established for global special activities that go beyond the spatiotemporal constraints and potentially pave the way to Society 5.0.

Project Purpose

The aim of this project is to verify the effectiveness of online Japanese-style “Tokkatsu” (special activities) in promoting public health education and learning to solve the SDGs issues in other countries.

Activities & Outputs

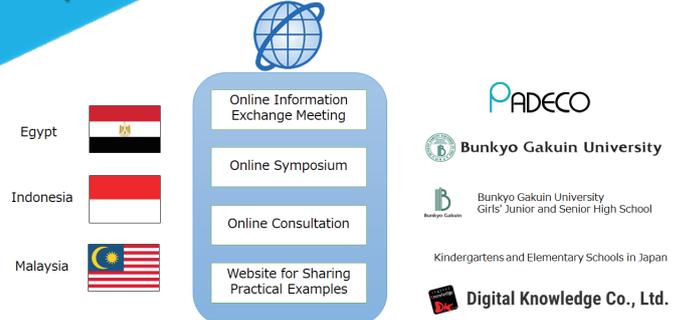
① Presentation at the WALs 2022

Information on Japanese-style holistic education was provided through panel discussions, workshops and a booth exhibition at WALs 2022 in Malaysia in September.

② “Holistic Education for All” website

A trial of last year's case studies is underway at the primary school level in three countries - Indonesia, Egypt and Malaysia - while new case studies are being collected in each country.

Implementation Structure



③ Online exchanges between students and teachers

Online discussion activities were organized between Bunkyo Gakuin University Girls' Junior and Senior High Schools and schools in Malaysia and Egypt, online exchange events between primary school in Japan and Egypt, and experience-sharing meetings between kindergarten in Japan and Egypt teachers were held.

④ International symposium.

An online symposium was held on 28th January 2023 where 107 people from 20 countries participated.



Panel Discussion at WALs2022



Online classroom discussion



Primary school Online exchange



Tokkatsu trial in Indonesia

Way Forward & Message from the Project

There is an idea to continue handling lesson study in non-cognitive learning such as Tokkatsu in WALs. In addition, schools in three countries has been trying out the practical examples of ‘Holistic Education for All’ website, and some neighboring schools have shown interest. It is hoped that the project will expand in the future. In addition, there are online exchanges between students to see joint goals on SDG issues, but there are still issues to be addressed, such as whether this can be continued only between schools in the future, and how to overcome the challenges of internet connections and equipment. Experience from this research and other JICA projects is leading to the development of teaching materials for life skills education in India.

Contact

PADECO Co., Ltd. Setoguchi (Mr.), Togo (Mr.), Kishimoto (Ms.)
Email : holistic_edu@padeco.co.jp



The aim of this project is to demonstratively examine the possibilities and challenges of the contributions of Japanese-style school health to the realization of the SDGs and COVID-19 measures. The purpose of this study is to examine the issues and potential for the development of Japanese-style school health by carrying out an interview study on Japanese school health support and the status of ESD dissemination in the developing countries. Furthermore, the project will develop teaching materials related to the SDGs and COVID-19 measures, and health checkup activities using Child Health Club (CHC), etc. at Teacher Training Institutions (TTIs) in Japan and Laos and clarify the results and other issues.

Project Purpose

The purpose of the project is to examine empirically the possibilities and challenges of the contribution of Japanese-style school health to specific issues including the SDGs and COVID-19 measures. The following points are to be clarified.

- (1) Current situations of school health-related services supported by past Japan's ODA in developing countries.
- (2) Dissemination status of ESD in developing countries.
- (3) Achievements and challenges in the development of teaching materials and teacher trainings on SDGs and COVID-19 countermeasures in TTIs in Japan and Laos.
- (4) Achievements and challenges in the promotion of ESD through UNESCO schools in Japan and health checkup activities with CHC in Laos.

Activities & Outputs

1. Interviews on school health, COVID-19 and ESD

Several surveys were conducted in schools in Laos and Nepal to clarify the present implementing situation of school health and ESD and affect of COVID-19. The surveys revealed that workload of teachers under COVID-19 was heavy. In addition, some children were forced to drop out of secondary school due to economic damage, especially in areas where income was derived from tourism. On the other hand, in Laos, sanitation activities in schools were found to have increased through the COVID-19 measures. The study also revealed that the mental health of children, parents, and teachers was good.

2. Empirical study on the development of teaching materials (ESD & health education) in TTIs in Japan and Laos

We implemented on four topics (COVID-19, comprehensive sexuality education(CSE), water sanitation and lifestyle diseases) that we developed as teaching materials contributing to the SDGs and COVID-19 at universities and graduate schools and reported our findings at academic conferences. In addition, we developed and evaluated educational materials on CSE through menstruation education and mental health management under the COVID-19 in Japanese elementary school.

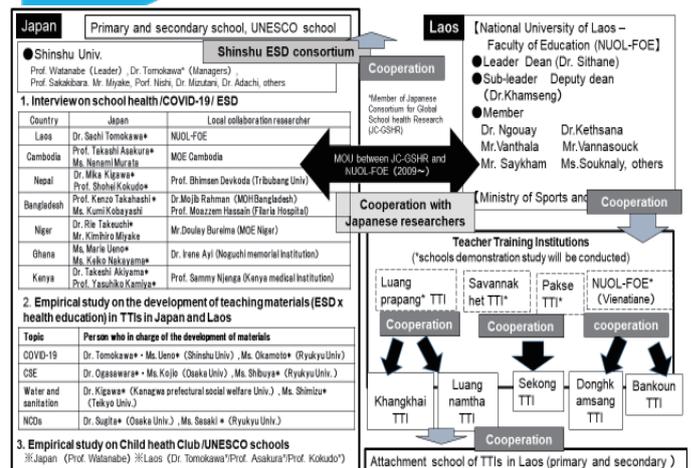
3. Health Checkup Activities Utilizing Child Health Clubs.

A survey was conducted on the sustainability of health checkup activities in schools in Laos and Nepal. The results of the survey revealed that in order to continue the activities, it is necessary to deepen the understanding of school personnel regarding the significance of health checkups, proper management of equipment, and how to utilize the collected data.

4. Counterpart Training in Japan

Counterparts at the National University of Laos, were invited to Japan to participate in an exercise on teaching methods of health education (lesson study) conducted at Shinshu University. They also observed health education as well as school health activities such as school lunches and cleanups at affiliated schools with the Faculty of Education. They learned how to conduct lesson study and how to teach interactively in the classroom.

Implementation Structure



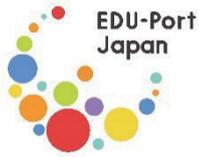
Observation of health classes and school lunches at school

Way Forward & Message from the Project

In 2023, based on the results of the literature review and policy analysis conducted in this research project and the results of the field survey conducted at schools, we aim to summarize the achievements and challenges of school health support in Japan, and the gap between policies related to school health, COVID-19 and ESD and their implementation in the field, and to publish them in academic papers. In addition, we will utilize the developed teaching materials and verify their effectiveness, and to improve the implementation of child health club activities and health checkup activities.

Contact

Shinshu University, Faculty of Education Tomokawa Sachi (Dr.)
TEL : +81-26-238-4167, Email : sachitjp@shinshu-u.ac.jp



Development project for hygiene education and school health room system in Cambodia by Kagawa University 【Cambodia】



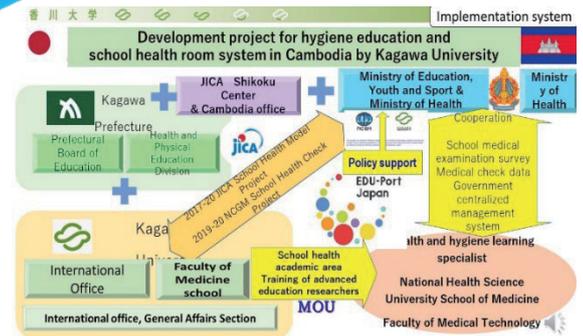
In February 2020 Kagawa University undertook technology transfer to the government of Cambodia, providing a school health room system model that includes health room staff training and health room management, a health education model that includes toilets and a hand-wash station of original design, and a school health textbook approved by the Cambodian Ministry of Health and Ministry of Education, Youth and Sports (MoEYS). The aim of this project is to promote the establishment of these models, to develop a school health data management system, and to build an administrative and educational system for the training of researchers in school health education.

Project Purpose

Kagawa University implemented a project to construct a Japanese-style school health room system in the Kingdom of Cambodia, introducing a school health room system model that includes health room staff training and health room management, and a health education model that includes toilets and a hand-wash station of original design. The University also undertook the development of a school health textbook approved by the Cambodian Ministry of Health and Ministry of Education, Youth and Sports (MoEYS), and implemented a model project for school medical check-ups. In February 2020 the University transferred this technology to MoEYS and supported promotion of the National Policy.

This project will develop a system for centralized management of school medical check-up data and build a system for the training of school health education researchers working to maintain the school health system, in order to support promotion of the National Policy.

Implementation Structure



Activities & Outputs

School Health Data Management System in Cambodia -Trial phase image-



Develop and operate a management system for school health checkup data in Cambodia.

In 2021, we developed a Cambodian school health checkup data management system and provided online training and text-based learning to 6 members of the Cambodian school health checkup data team and 5 members of the National University of Health Sciences team. In addition, we made the promotional video for Japanese-style school health checkups at small schools.

In 2022, we held a school health checkup and data input/management seminar at Chaktomuk Primary School in Phnom Penh using the developed school health checkup data management system. In addition, a training program for school health department officials (Health Education and Shokuiku Division of MEXT, elementary school in Tokyo, Kagawa Prefectural Board of Education, and Kagawa University) was conducted in Japan.



2021: Online & text training

2021: Online training

2022: Training seminar in Cambodia

2022: Japan training tour

Way Forward & Message from the Project

It was a project that was positioned as part of the export project of the Cambodian school health room system that Kagawa University has been implementing since 2017. This Japanese-style school health room system was included in the 2019 Cambodia School Health National Plan, and a ministerial notice was issued in September 2021 to open school health rooms throughout Cambodia. In line with the spread of this school health room system in Cambodia, we plan to continue to support the operation of the data management system.

Contact

Kagawa University, Faculty of Medicine Shimizu Hiroko (Dr.)
Email : shimizu.hiroko@kagawa-u.ac.jp



Study on Healthy and Safe Schools for the Post-COVID-19 Era in the Asia Pacific Islands [Philippines, Indonesia, Federated States of Micronesia, Marshall Islands, Palau, Fiji, Tonga, and Guam]



University of the Ryukyus

We will summarize the findings on the impact of COVID-19 pandemic in the fields of health, education, and economy in Okinawa, Guam, the Philippines, and Indonesia, and make recommendations for the creation of a with/ post COVID-19 healthy society and schools in the island areas through discussions with experts in Pacific Island countries based on the findings. We will focus on the implementation of comprehensive school health, as well as cooperation with organizations outside the school and the local community as a Japanese-style school health care system to combat socioeconomic negative impact of COVID-19.

Project Purpose

To analyze school health policies and curricula in the Asia-Pacific countries in relation to COVID-19 control, and to make recommendations for the control of emerging infectious disease and the creation of healthy and safe schools after the pandemic.

Implementation Structure



Activities & Output

The recommendation and research outcomes have been published in International scientific journals.

- 1) Urgent needs of strengthening school health in the region, etc.
- 2) Teacher's conflict for Comprehensive Sex Education in Indonesia, etc.

International Symposium with WHO was held. (September 2022, Manila)

The policy formulation stages and curricula that should be set by Pacific island countries were presented, and cases of school health promotion were reported.

A study was conducted on factors implementing school health in the Marshall Islands, Federated States of Micronesia, Palau, Philippines, and Indonesia.

The role of the school principal, establishment of guidelines, PDCA strengthening by monitoring and evaluation, prioritization of health topics, decentralization and incorporation into local educational guidelines, and NGO input and so on, were identified.



Review Article **Open Access**
Urgent need to strengthen school health in Asia and the Pacific islands
 Jun Kobayashi, Rie Takeuchi, Yuko Toyama, Ernesto R. Gregorio Jr., Hamsu Kadriyan, Crystal Amiel M. Estrada, Makoto Motomura, Norie Wake, Kyoko Yamada, Ryuji Ishikawa, Minoru Takakura
 First published: 14 July 2021
<https://doi.org/10.1111/ped.14921>
 Citations: 1

Published article



International symposium

Way Forward & Message from the Project

Many Pacific island countries have not formulated specific policies on school health. However, since school health activities are partially implemented in these countries, it is necessary to formulate comprehensive policy, which is one of the characteristics of Japanese-style education, on the basis of each country's experiences. The results of these studies will be published academically and will serve as the basis for policy recommendations to be discussed at an international conference to promote school health for Pacific island countries.

Contact

University of the Ryukyus, Graduate School of Health Sciences
 Kobayashi Jun (Dr.) (Dean)
 TEL : 098-895-1286, Email : junkoba@med.u-ryukyu.ac.jp

The purpose of this project is to provide elementary, junior high and senior high schools in Vietnam with systematic support for studies on afforestation with a high CO₂ absorption capacity. Making use of CO₂ sensors and audio-visual materials, support will be provided in elementary and junior high schools for experiments on plant photosynthesis, and in senior high schools, as a supplementary curriculum to the photosynthesis experiments, for studies on afforestation with high CO₂ absorption capacity. In addition, interaction between schools in Japan and Vietnam will promote the development of mutual understanding and global citizenship.

Project Purpose

In Vietnam there is concern that the impact of rising sea levels due to climate change will be severe, particularly in the Mekong Delta. For this reason, in Vietnam the active promotion of afforestation as a countermeasure to climate change, and the development of human resources to play a leading role in this area, are issues requiring attention. In this project, support will be provided to elementary, junior high and senior high schools in Vietnam for studies on afforestation with high CO₂ absorption capacity.

Activities & Outputs

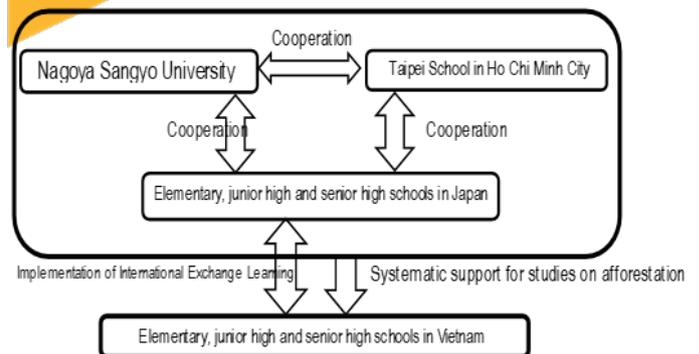
● Creation of audio-visual materials

In cooperation with Takada High School in Mie Prefecture and other entities, Vietnamese-language versions of audio-visual materials illustrating plant photosynthesis experiments and a teaching plan were created.

● Provision of CO₂ level measuring equipment

The CO₂ level measuring equipment delivered to the Taipei School in Ho Chi Minh City included a CO₂ sensor, a ventilated instrument case and a computer for data management.

Implementation Structure



● Preparation and implementation of lesson program

At the Taipei School in Ho Chi Minh City, we drew up and implemented a class program for afforestation studies, based on the students' interest and understanding.

● Implementation of exchange learning

At the Taipei School in Ho Chi Minh City, we drew up a class program to enable students to understand the basics of afforestation studies, and exchange learning with two lower secondary schools was conducted.



Use of audio-visual materials



Afforestation studies carried out near the school



Exchange learning in progress

Way Forward & Message from the Project

In Vietnam, we plan to continue working on providing systematic support for afforestation studies as a part of school education at the Taipei School in Ho Chi Minh City.

In addition, we have also begun to provide support in afforestation studies in high schools in Taiwan and Indonesia. Going forward, we would like to provide support for interchange between schools in Japan, Taiwan, Vietnam and Indonesia, and to work towards the formation of a global network of climate change education.

Contact

Nagoya Sangyo University, Faculty of Current Business
 Lin Jinsan (Professor)
 TEL : 0561-55-5101, Email : Lin@nagoya-su.ac.jp



Online exporting Japanese-style dance education known as 'SOUSAKU-DANCE' [People's Republic of China, Romania, Republic of Korea, Singapore, Australia]



This project is a progressive variation of the 2017 pilot project "Exporting Japanese-style dance education 'SOUSAKU-DANCE' that combines body formation and art experience" and aims to enhance sustainability under the COVID-19 pandemic.

The online export to other countries of 'SOUSAKU DANCE' (working together in small groups, with creativity and originality, tackling themes that have no correct answer) leads to the re-importation of the potential for new collaborations between artists and instructors, and the potential for distance learning in physical education.

Project Purpose

The project aims to connect online with China and other countries that have a particularly diverse sense of values, and to develop global human resources who will contribute to society while creating new values.

In order to enrich education in Japan, the project will develop new 'SOUSAKU-DANCE' teaching materials in collaboration with the partner countries, and promote feedback to Japan.

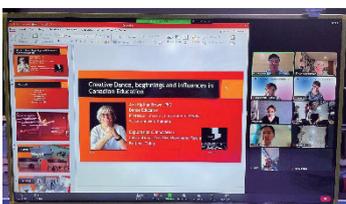
Implementation Structure



Activities & Outputs

- **Report on practical research at the 1st International Creative Dance Symposium-Online**
In June 2022 we took to the stage at the International Symposium (Taiwan, Canada, and Japan) hosted by the collaborating organization the Shouze Arts Centre (Beijing), where we gave a practical demonstration of 'SOUSAKU-DANCE'.
- **Introduction of 'SOUSAKU DANCE' at The Japanese School Singapore (Remote class)**
In August 2022, the Agency for Cultural Affairs implemented for students of The Japanese School Singapore Changi Campus a scheduled project for the improvement of communication skills, simulating a project implemented in Japan. In January 2023 remote classes was held at The Japanese School Singapore Clementi Campus.

- **Report on practical research at the 2nd Children Creative Movement Forum**
In September 2022, we took to the stage at the International Symposium (Taiwan, Canada, and Japan) hosted by the collaborating organization Unlock Dancing Plaza (Hong Kong), where we gave a practical demonstration of 'SOUSAKU-DANCE'.
- **Feedback to Japan of activities at an overseas Japanese school**
In collaboration with teachers who had returned to Japan from the Shanghai Japanese School HongQiao Campus, lessons were held within Japan (in Kyoto, Shizuoka and Hyogo). This is a bonus to be gained only from an overseas Japanese school whose teachers come from all over Japan; we were able to provide feedback throughout Japan, and together with educators in Japan to offer an opportunity for reflection to heighten learning and re-assessment.



The 1st International Creative Dance Symposium-Online in progress



Flyer for the 2nd Children Creative Movement Forum



The 2nd Children Creative Movement Forum in progress



Remote class held for The Japanese School Singapore Clementi Campus

Way Forward & Message from the Project

- In July 2022, namstrops, for which our research collaborator, Rumiko Takahashi (visiting professor, Miyazaki University) acts as representative, was certified as a university-based venture company regarding dance teaching materials as intellectual property. We would like to resolve copyright issues pertaining to the SOUSAKU DANCE teaching materials and teaching methods that were developed.
- We would like to collaborate with companies in the creation of a 'SOUSAKU-DANCE x corporation' model in order to make this project sustainable.

Contact

NPO MIYAZAKI C-DANCE CENTER Toyofuku Akifumi (Mr.)
(Visiting researcher at Miyazaki University Center for Int'l Relations)
TEL : 0985-33-9110, Email : npo.mcdc@gmail.com

Educational policies of both target countries promote the development of human resources who can think and learn for themselves. Therefore, in this project, we try to establish a model case to foster 21st century skills and international competitive human resources, by developing and implementing inquiry-based classes using the Casio's scientific calculator for students in upper secondary education together with local teachers and educators.

Project Purpose

Purpose of this project is to realize independent learning of students and improve their thinking skills in math through inquiry-based classes using our scientific calculator. By improving these abilities, we will aim to reduce inequality in education in Thailand and accelerate acquiring the Higher Order Thinking Skills (HOTS) for students in Indonesia.

Activities & Outputs

[Indonesia]

- (1) Conducted pilot classes for 10th grader in 6 schools in Jakarta and assessed its efficiency.
 - *Teachers at the pilot schools appealed to their principal about the introduction of our scientific calculator, and continued their classes using an emulator (PC software for scientific calculators).
 - Our support is in action to convey the benefits of using our scientific calculator in classes and regular examinations.
- (2) Signed a MOU with the General Directorate of Teachers (GTK) of MOE. (As of September 9th, 2022)
 - 1) Obtained approval from MOE for a lesson plan (teachers guide) using our scientific calculator for grade 10 to 12. (October 2022)
 - 2) Practice of math classes using our scientific calculator at high schools in Jakarta.
 - *Training to 40 trainers (TOTs) who will give training to math teachers from all of the high schools in Jakarta (November 2022)
 - *Training by 40 trainers to teachers at all high schools in Jakarta (approximately 1,000 schools) (January 2023)
 - *Practical classes using our scientific calculator app at all high schools in Jakarta (February 2023~)

Implementation Structure



[Indonesia] MOU Conclusion



[Indonesia] Pilot class



[Thailand] Pilot class



[Thailand] Pilot class

Way Forward & Message from the Project

“Boost your Curiosity”. This is our educational statement. In order to realize this statement, we provide not only products, but also provide a solution package that includes our scientific calculator that meets the needs of the partner country to support teachers and students. In this EDU-Port project, we would like to conduct activities with the aim of building a better education and learning environment in both Indonesia and Thailand.

Contact

Casio Computer Co., Ltd. Nishida Koji (Mr.)
E-mail : ml_casio_gakuhan@casio.co.jp

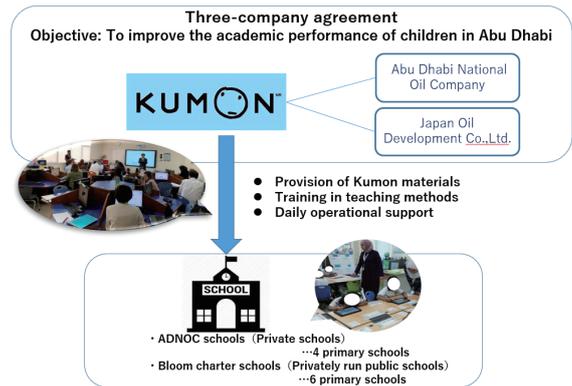
Project of academic skills development at elementary schools in the Emirate of Abu Dhabi [Emirate of Abu Dhabi (UAE)]

This project is to make a contribution to improving academic skills and non-cognitive abilities in schools in the Emirate of Abu Dhabi. School teachers instruct their students during class hours using the Kumon e-learning system. The schools and Kumon will continuously review, discuss, and improve the implementation of the Kumon method under the school's curriculum to create a steady learning effect.

Project Purpose

The aim is to contribute to the improvement of academic skills and non-cognitive abilities in schools that have introduced the Kumon method of learning. Schools and Kumon practice and continuously improve the Kumon Method, and examine and study how the Kumon Method can be utilised in the curriculum.

Implementation Structure

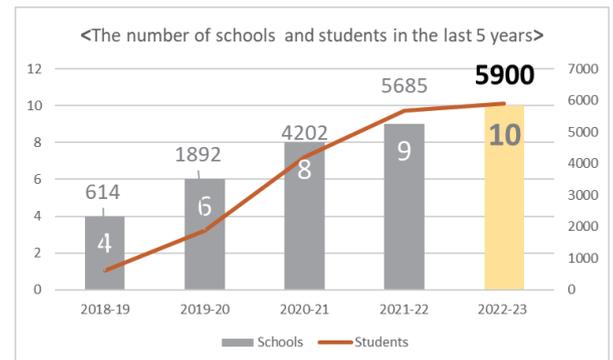


Activities & Outputs

< Outline of activities >

- 2018: **Start of the project using paper materials.** Issues such as the workload on teaching staff by the use of paper were identified.
- 2019: the **experimental introduction of tablets with pen**, with the aim of improving operational efficiency. (approx. 100 students). This reduced the administrative burden.
- 2020: Due to the COVID-19 pandemic, all school lessons were conducted online. Since the students at home were working using a variety of different devices, we urgently developed and introduced a keyboard input feature to enable students to work on a personal computer or tablet with no pen. This contributed to the continuation of learning opportunities.
- 2021: In the middle of the school years, there was a shift that all students attended school as usual. Through trial and error, we worked together with the schools to make the best use of the limited terminals.
- 2022: In the face of continuing shortage of devices, all schools using the e-learning system were divided into three categories “(1) establishing standard operation, (2) ‘Top-pull’ instruction strategy (3) Creation of an entry-level model”. We continue to provide support in line with the above categorisation.

※In Abu Dhabi (UAE) the school year begins in September.



< Outcome >

Throughout the five years, **specific learning effects** have been confirmed; **in the academic assessment tests (MAP tests) used by schools that have introduced the Kumon method, Kumon learners had better results, and teaching staff saw benefits in class management** as well. As a result, in addition to **all the schools that have introduced the Kumon method indicated a desire to continue, the number of newly introducing schools has increased every year.**

Way Forward & Message from the Project

We continue to objectively measure the effectiveness of the Kumon Method in the schools where it has been introduced, with the aim of further improving learning outcomes. At the same time, we are increasing our contacts with government authorities and school institutions with a view to introducing the system in new schools.



Contact

Kumon Institute of Education Co., Ltd., Licensing Operations
Promotion Department Sugawa (Mr.), Tsuda (Mr.), Shimazoe (Ms.)
 Email : sugawa.yo@kumon.co.jp / tsuda.ma@kumon.co.jp / shimazoe.mi@kumon.co.jp

Roll-out of hands-on technical education through enhanced practical subjects and improving faculty member's skills [Kingdom of Bhutan]

One of the characteristics of Japanese technical education is to combine theories and hands-on skills. In Bhutan, due to insufficient laboratories and equipment to conduct practical classes, it is often difficult for teachers and technical staff to make students realize the effectiveness of technical education. To make students experience that technical skills are useful in improving their daily lives around them, we will develop human resources with high teaching skills.

Project Purpose

- The students in Bhutan will learn systematic surveying techniques based on Japanese standards. At the same time, teachers will learn how to use the latest surveying equipment and its teaching methods.
- Teachers can understand how to create models based on the characteristics of 3D printers and how to use them in a practical way.
- To create an English version of the instruction manual for systematic instruction, and to create an environment where the techniques can be continuously passed on.

Activities & Outputs

Revision of Surveying Practice Manual

We are continuing to revise the instruction manual for surveying practice by taking advantage of "KOKUSEN" with the experience in teaching foreign students, which has newly joined the implementation structure.

Support for JNEC graduates

The company is providing technical education support for two JNEC graduates. After completing a two-year course at Toyota Technical College Tokyo, they have been selected to work for a maintenance



Surveying instruments to be sent to JNEC



Serviced surveying instruments

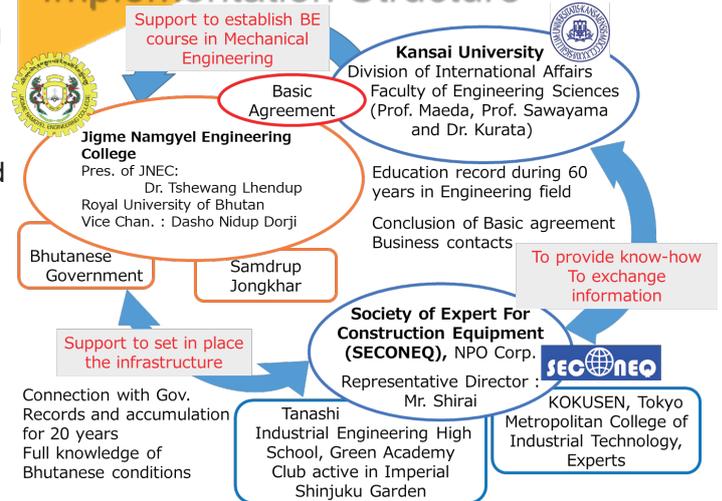


Reunion at Toyota Technical College Tokyo



Daily report on the success of the entrance examinations for Kanagawa Industrial and Technical Junior College.

Implementation Structure



company in Kyoto. One of the graduates who came to Japan this year passed the production technology course at Kanagawa Industrial and Technical Junior College and plans to go on to higher education.

Preparation for sending surveying equipment

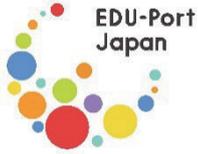
The several sets of surveying equipment were collected by the instructor who went to the field in 2019. Maintenance and testing of the equipment has been conducted and preparations are underway for shipping to the partner country.

Way Forward & Message from the Project

Various preparations have been made to provide on-site surveying training instruction. However, many of the project details had to be abandoned due to COVID-19. In addition, the tourism tax in the Kingdom of Bhutan has been revised to about triple, and hotel, transportation, and guide fees will be collected separately, which is expected to double the cost of the stay. Previously, JICA staff members were exempted from the tourist tax and other levies related to assistance activities, but now they are also subject to the levy, and future activities in the region must be abandoned due to the high costs of dispatching staff to the region.

Contact

Kansai University, Faculty of Engineering Sciences
Kurata Junichi (Dr.) Email : kurata@kansai-u.ac.jp



Development of Japanese-style physical education classes in Vietnam by local subsidiary Jacpa Vietnam Co., Ltd. [Vietnam]



We aim to provide Japanese physical education that nurtures a healthy body and mind while respecting local traditional customs and sense of values. Through exercises such as mats, vaulting boxes, horizontal bars, balance beams, balls and skipping ropes, we support the physical and mental growth of children and cooperate with schools for the management and features.

Project Purpose

The program aims to provide many children in Vietnam with the opportunity to experience the joy of physical exercise and to improve their overall athletic ability through exercise using mats, vaulting boxes, bars, balance beam, balls, jump ropes, and other equipment.

Implementation Structure



Clients: Japanese, International, local Kindergartens

Activities & Outputs

Plan & Output 1	May.-Jul. 2022: Got trained in Japan at the actual clients May.-Jul. 2022: Under the guidance of experienced instructors, tried to conduct the lessons.
Plan & Output 2	Jul. 2022: Opened the branch in Ho Chi Minh Dec. 2022: Since we saw potentials in Ho Chi Minh, considered relocating the head office.
Plan & Output 3	Sep. 2022: The first trial lesson was held in Ho Chi Minh, also the parents observed. Dec. 2022: As the lesson went well successfully, we executed the contract in Nov.2022.
Plan & Output 4	Nov. 2022: Started the actual lessons. Promotional activities, Training from Japan. Dec. 2022: Lessons in the first business partner are going well, but we are trying to improve it and provide periodic training from Jacpa Japan. Also, aiming to contract more schools from Feb.2022.



Sep.2022 Trial lesson 1



Sep.2022 Trial lesson 2



Nov.2022 Signing Ceremony



Dec.2022 Gym Class

Way Forward & Message from the Project

- As the Japanese style seems popular in Ho Chi Minh City, we provide training for local instructors.
- We will import more gym equipment from Japan or purchase them in Vietnam.
- We execute the contract with necessary legal checking.
- Assuming more students, we will hire more manpower for stronger organizational structure.
- We hold seminars for parents and teachers on physical and mental health of children.

Contact

JACPA Corporation, International Business Department
 KondoYuho (Ms.) TEL : 042-345-6111, Email : y.kondo@jacpa.co.jp

This project develops and disseminates a high-quality STEAM education curriculum for young children that fosters the logical thinking and expressive skills that form a foundation for learning. We will strive to improve the skills of teaching staff in charge of classes, and work to promote activities together with preschool managers and other stakeholders. Through these activities, we aim to improve the quality of early childhood education in Vietnam and to contribute to the development of leaders for a sustainable society.

Project Purpose

This project will contribute to the improvement of the quality of early childhood education in Vietnam through the development and dissemination of a STEAM education curriculum for young children incorporating features of Japanese early childhood education as represented by 'learning through play'.

Activities & Outputs

Activity (1) Development of teaching materials

- Completion of a localized science and programming program for pre-schoolers (total of 44 subjects)
- Completion of a localized draft training program for teaching staff

Activity (2) Implementation of classes in kindergartens, teacher training

- Formulation of a teacher training structure, draft model for training and promotion
- Training of 4 teachers
- Feedback from the kindergartens → Development of a system of cyclical revision of the content of programs and teacher training

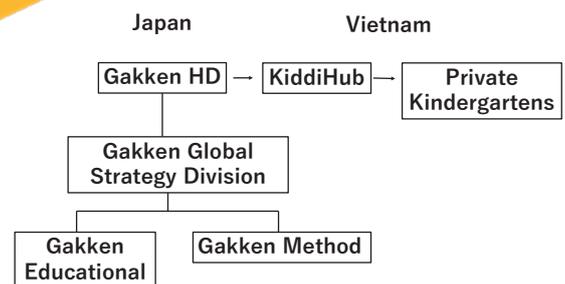
Activity (3) Measuring the effectiveness of the programs

- Development of indices to measure effectiveness
- Implementation of questionnaires aimed at parents (guardians) and principals in kindergartens where the program has been introduced

Activity (4) Promotion

- Development of business tools
- Online/Offline events (Science shows)
- Establishment of an implementation system
- Holding of science shows in kindergartens

Implementation Structure



young children work on programming



A child tries an air experiment at the Science show

Way Forward & Message from the Project

With the easing of COVID-19 pandemic restrictions in fiscal 2022, we have had a number of opportunities to visit Vietnam. Normally we communicate with our partners online, but we feel that by holding discussions every day locally and being able to develop teaching materials, hold classes in kindergartens and carry out promotional activities, the relationship of trust between us became stronger, and we were able to speed up our activities. We will keep putting more effort into public relations via SNS in order to have our science and programming programs adopted by more kindergartens, and will continue to work to expand our business while holding science shows on a regular basis.

Contact

Gakken HD Co., Ltd., Global Strategy Division
Sueda Harue (Ms.)
 TEL : 080-7620-7907, Email : h.sueda@gakken.co.jp

Early childhood educators (kindergarten teachers, nursery teachers, and university teachers and students specializing in early childhood education) in Japan and Vietnam will visit facilities in each other's countries and exchange information and opinions through hands-on training in Japanese-style early childhood education.

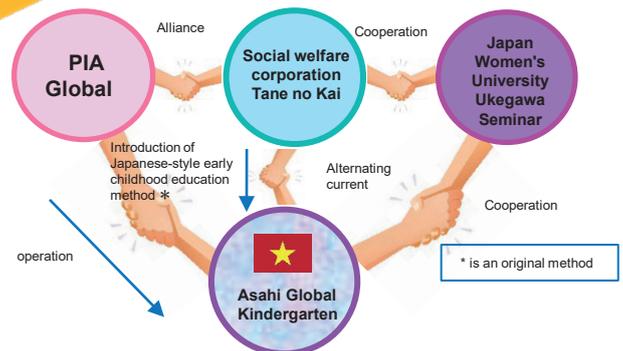
In tandem with the above, opinions will be exchanged and kindergarten children will interact online.

The hands-on and online training will not only enhance the teaching skills of local teachers, but also promote mutual understanding through human resources development and strengthen the relationship between early childhood experts in Japan and Vietnam.

Project Purpose

In Vietnam, the number of working families is increasing, especially in the metropolitan area, but there are few facilities that care for infants from the age of 0, and the care and education of infants in a group setting is still in the process of establishment. Therefore, we will practice experienced Japanese infant care at local kindergartens, and at the same time, we will implement a Japanese-style early childhood education approach in the infant period, which is the foundation of character development, to work on children's potential and nurture rich humanity and cooperative spirit.

Implementation Structure



Activities & Outputs

- Operation at Asahi Global Kindergarten
Asahi Global Kindergarten, which is directly operated by PIA, staff from PIA Global have visited the kindergarten to instill the Japanese approach to early childhood education, conduct staff training, and implement specific methods in the classroom with local staff. Staff from Japan also participated in parent-teacher conferences, enjoying flower arrangement together and deepening engagement. (For two weeks each in May and August 2022.)

- Children's Meeting at Facilities in Both Countries

Five-year-old children from Arte Kodomo no Ki Kindergarten (Japan) and all children from Asahi Global Kindergarten (Vietnam) were connected via Zoom to learn about their language differences, perform songs and dances, and answer questions and communicate with each other. (April 2022)

- Acceptance of Vietnamese delegation

At the request of the Vietnamese side (Director of the Early Childhood Education Center, Deputy Director of the Institute of Education, and three others), we coordinated visits to Japanese kodomoen and other facilities, sharing information on the current state of preschool education in Japan and other issues. They also visited Japan Women's University and met with a professor of the Department of Children's Studies and other staff members to discuss future prospects, including exchange programs. (July 2022)



Children in Zoom meeting



At the direct-managed garden. Mid-Autumn Festival, staff and children performed Vietnamese dances



At the parent-teacher conference, parents and PIA Global staff together enjoyed flower arrangement



Members of the Vietnam delegation visiting Japan Women's University

Way Forward & Message from the Project

Last May, we were able to travel to Vietnam and actually visit several facilities in Hanoi in addition to the directly operated kindergartens. In Vietnam, there are many facility managers who are highly interested in Japanese-style early childhood education and would like to incorporate it into their facilities. We would like to realize a new type of content at the facilities we will be involved with that combines Japanese-style early childhood education with the traditional ideas and methods that have been nurtured in Vietnamese culture. To this end, we are preparing to start exchange training programs for staff and university students to deepen mutual understanding.

Contact

PIA Global Co.,Ltd. Ishikawa Shinjiro (Mr.) (Representative)
TEL : 03-3351-8837, Email : shin@pia-global.biz

This project aims to contribute to the quality of education in the African region by developing schools for education in the 21st-century and building professional learning communities and networks to support teachers' learning. For this purpose, the University of Fukui is collaborating with Nalikule College of Education in Malawi to conduct lesson studies, expand the scale of roundtables in the African region, and establish a framework for sustainable implementation through strengthening the connections between Fukui and Africa. Ultimately, through these initiatives, this project resolves to improve the quality of students' learning.

Project Purpose

This project aims to establish professional learning community networks through roundtables to improve the quality of students' learning. In particular, the establishment of a training system for in-service teachers is urgently required in Africa. The collaboration between (1) schools, which are the frontline in education, (2) administrative bodies like boards of education and education offices, and (3) universities with teacher training programs are the components of this project. Appropriate in-service teacher training and in-school training in the region are expected to develop through this collaboration.

Activities & Outputs

① Followed-up on activities in each country: Visited trainees who participated in the JICA Knowledge Co-Creation Program conducted at the University of Fukui last year, observed their activities, and held discussion sessions with them.

- Uganda:
Participated in SESEMAT regional meetings and lesson study and discussed conducting lesson study within the context in Uganda, building professional learning communities, and how to further collaborate with Fukui.
- Malawi:
Conducted a roundtable at the Nalikule College of Education (NCE). Lesson study coordinators from seven Nalikule cluster schools experienced lesson study at the NCE Demonstration School under supervision by NCE lecturers.



Participated in regional meetings (Uganda)



Participated in lesson study (Malawi)

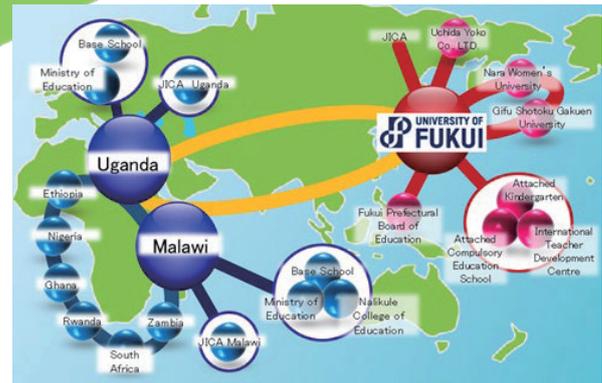


Roundtable at Nalikule College of Edu. (Malawi)



Conference with IIE (South Africa)

Implementation Structure



- South Africa
Visited the Independent Institute of Education (IIE, the largest private institute in South Africa) and held conferences on curriculum implementation of lesson study.

② Conducted a training program in Japan
Eight former participants (JFY2021) from four countries were invited to Japan for 12 days to learn about Japanese lesson study and how the professional learning community works through visits to schools and participation in the Fukui Roundtable.

Through these activities, the achievements and challenges of the previous online training were identified.

Way Forward & Message from the Project

- Way Forward
 - Fostering professional learning communities based in Malawi
 - Connecting practitioners of lesson study in various countries and building a network within Africa
- Message from the Project
 - The Fukui Roundtable for exchange of international practice and reflection is held semi-annually in February and June. We are looking forward to your participation. For more information, please visit the University of Fukui homepage: <https://www.fu-edu.net/>

Contact

University of Fukui, Headquarters of General Professional Development of Teachers,
Division of Global Professional Development Maruyama Chisato (Ms.)
TEL : 0776-27-9872, Email : cmaru@u-fukui.ac.jp

In today's knowledge-based society, where people are expected to update their knowledge even after completing school, this project is to examine whether young people who are working can improve their discipline, self-esteem, and ability to devise solutions to problems (non-cognitive abilities) as well as their mathematics and logical thinking (cognitive abilities) by acquiring the habit of learning mathematics. This project will examine the meaning of these abilities and the process of their formation. For this purpose, we will combine Nagoya University's expertise in skill evaluation accumulated in Africa with learning materials tailored to individual abilities.

Project Purpose

We will examine how the habit of learning mathematics enhances cognitive and non-cognitive skills and productivity among young people working for local South African companies. Based on the findings from the validation, we aim to make recommendations for skills development in South Africa, and to develop them into learning services for the working population.

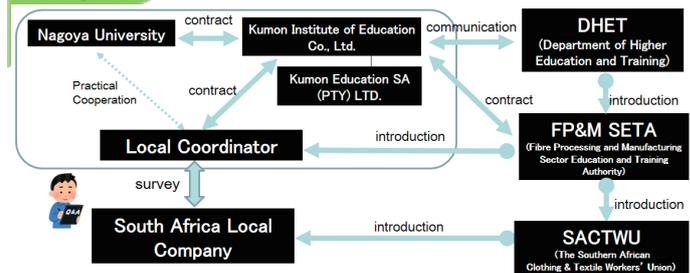
Activities & Outputs

Establishment of a cooperative framework with relevant parties in South Africa

We explained the project and requested cooperation from the Department of Higher Education and Training, which is in charge of skills development in South Africa, FP&M SETA, which is in charge of training in the fashion manufacturing industry, and SACTWU, a trade union in the fashion manufacturing industry. As a result, we were able to build a cooperative structure and receive support.

- ※SETA: Sector Education Training Authority
- ※SACTWU: The Southern African Clothing & Textile Workers' Union

Implementation Structure

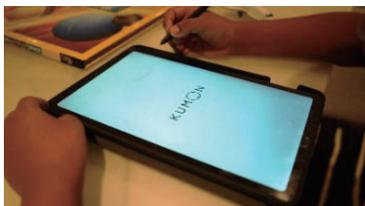


Obtain 20 companies willing to participating in the study.

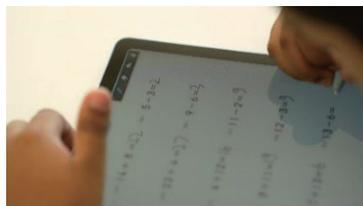
After informing SACTWU, which introduced us to the companies, about the size of the study (250 participants in the intervention group and 250 participants in the control group), we were able to secure 20 cooperating companies.

Collaboration with Nagoya University

We concluded a joint research agreement with Nagoya University(Prof. Yamada), which has developed assessment modules that measure industrial workers' skills in terms of cognitive, non-cognitive, and vocational skills, and to work on this project.



Learning is done using tablet devices



Learning Math



We will conduct a survey and research on factory employees in the local Clothing Sector in South Africa.

Way Forward & Message from the Project

We will start a full-scale research project at local companies in South Africa around July 2023. Through this project, we would like to demonstrate that adults can also enhance their cognitive and non-cognitive abilities by self-learning. Through education, we will discover the growth potential of not only children but also adults and seek a mechanism to develop their abilities to the fullest.

Contact

Kumon Institute of Education Co., Ltd. ISE Shunji (Mr.)
TEL : +81-80-1288-4729, Email : ise.sy@kumon.co.jp

Through collaboration with local teachers and trials at partner schools, science education content used in Japan will be recreated into a form that is in line with Turkish primary and secondary education curriculum and classes. By providing local schools with educational kits and teaching methods as a set, we aim to enhance opportunities for experiments and promote the introduction of hypothesis-verification classes, contributing to the improvement of the quality of science education which can encourage the development of higher-order thinking skills.

Project Purpose

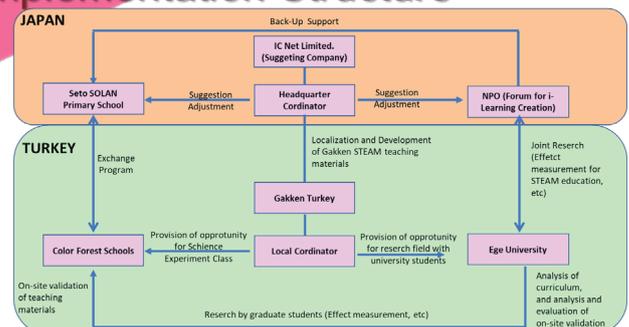
To improve teaching methods for science education and to provide better education that contributes to the development of higher-order thinking skills.

Activities & Outputs

Activities

- Analysis of Turkish curriculum and investigation of consistency with Gakken's science experiment kit
- Translation of manuals for science experiment teaching materials into Turkish
- Creation of teaching materials for science experiments with substances procured in Turkey
- Verification classes for science experiments at local partner schools
- Improvement and modification of the service provided, investigating the utilization status of science experiment teaching materials

Implementation Structure



Outputs

- Thanks to the cooperation of local partners, the consistency of Gakken's science experiment kits with the Turkish curriculum were ensured.
- Teaching materials were developed with local materials, after translating the teaching material's manuals.
- The teaching materials above were verified on-site at partner schools.
- In December 2022, we made official contracts with three local schools for service introduction.



Scene of teaching material development



Production scene of video teaching materials



Demonstration class scene on science experiments a partner school



Signing Scene of contract with Color Forest Schools

Way Forward & Message from the Project



Thanks to the cooperation of our partners in Japan, local staff, partner school teachers and principals, we were able to bring excitement to the children through science experiments. In the future, we will do our best to develop the remaining themes and further improve the content so that many schools in Turkey can access.

Contact

IC Net Limited, Global Business and Entrepreneurship Department
Ito Takujiro (Mr.) (Business Manager)
TEL : +90 (538) 245-2114, Email : takuito@icnet.co.jp

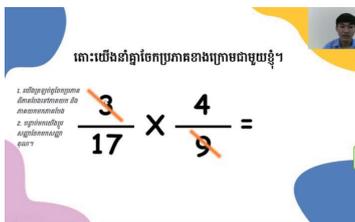
This project aims to integrate knowledge gained by Cambodian teachers in online classes during COVID-19 pandemic with new Japanese-style education (GIGA-School and interactive learning), share the knowledge to learning platforms and develop them into collaborative daily classes. Specifically, this project will share the online learning experiences in Japan and Cambodia.

Project Purpose

- Collaboratively promoting the development of contents by utilizing the characteristics of ICT education in Covid Era.
- Integrated online Collaborative Class in the Covid Era. Research on "Teaching Methods for Kids English" while accumulating lessons
- Easy access Video-clips and digital contents site.

Activities & Outputs

- **Online Collaborative Classes**
Both two local universities and the Japanese side hold a discussion on "teaching methods for elementary school's English and mathematics".
- Supported translation of the contents into local languages.
- "Future Classroom" (donated by the Japanese side): The development of ICT education for educational colleges.



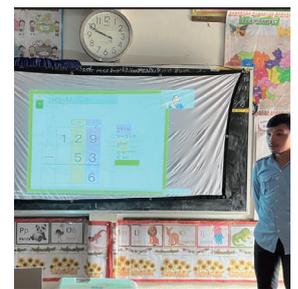
Localised by Students



Online Class to discuss how to teach

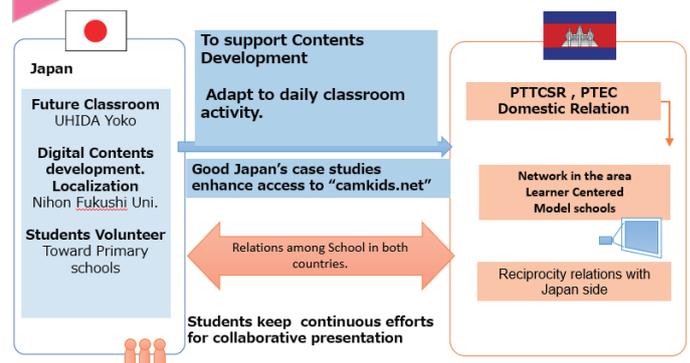


Toward 6 weeks practicum



Primary school in remote area

Implementation Structure



- **Participation of Japanese Students**
Collaborative presentations were also made with Cambodian students.
- **Learning Website for Everyday Use**
Contents created by Japanese and Filipino students are now available in local languages.

Way Forward & Message from the Project

- Utilize and further accelerate Japan's experience in ICT Education.
- Promote international collaboration and workshops utilizing the network.
- Encourage university cooperation, continue research and develop syllabus.
- Increase the number of elementary schools in the region that use digital content.

Contact

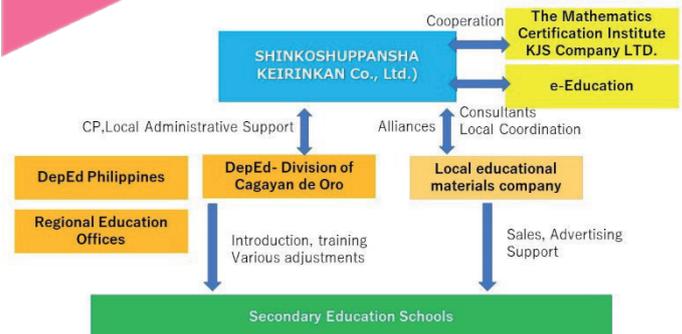
Uchidayoko Institute for Education Research Hattori Satoru (Mr.)
TEL : 03-5634-6708, Email : satoru-hattori@uchida.co.jp

This project will introduce “Smart Lecture”, a combined paper-digital teaching tool, to public and private elementary and secondary schools in the Philippines to verify its effectiveness. Through improving math skills of students, this project aims to contribute to building a productive workforce that is the essential condition for industrial development and sustainable economic growth.

Project Purpose

The Philippines ranks 77th among 78 countries and regions in the OECD's 2018 Programme for International Student Assessment (PISA) in terms of mathematical literacy, making low math skills a major challenge. For the development of the Philippines, the advancement of its industries, and the development of its industrial human resources, we aim to improve mathematical literacy through the use of our educational material, Smart Lecture.

Implementation Structure



Activities & Outputs

Activities in Cagayan de Oro City, Philippines

We have been working on a pilot project with the Cagayan de Oro City Office of Education in Mindanao, Philippines. Our company has a video resource called “Smart Lecture” that explains the content of textbooks and teaching materials with audio and hand-drawings. We proposed the use of Smart Lecture so that teachers can easily understand Japanese-style explanations and teaching methods.

Pilot project

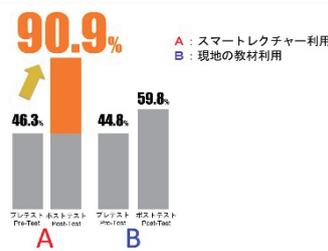
We conducted a 20-minute after-school remedial class for grade 10 students (first-year high school students in Japan) from public and private schools in Cagayan de Oro City, with Group A studying with Smart Lecture and Group B studying with local materials and verified the learning effects of the two groups. The improvement was confirmed in the group using Smart Lecture. The students were able to describe the process in their answer sheets, and the test one month later confirmed the retention of what they had learned.



Learning with Smart Lecture



Students are pleased with their certificates.



Smart Lecture for Growth in Math



Conferences to share results

Way Forward & Message from the Project

While promoting the adoption of the EDU-Port Japan Supported Project and the advantages of Japanese-style mathematics, we are considering business development with local partners. We are also planning to promote an app-enabled product, given the Philippine government's budgetary focus on EdTech in the COVID-19 and the fact that smartphone-based learning is taking root in schools. We would like to apply these evidences and experiences to education in Japan, deepen exchanges with the Philippines, and develop various projects.

Contact

SHINKOSHUPPANSCHA KEIRINKAN Co., Ltd.,
 School Business Planning Dept. Okamura Toshiki (Mr.)
 TEL : 06-6779-1531, Email : to-okamura@shinko-keirin.co.jp

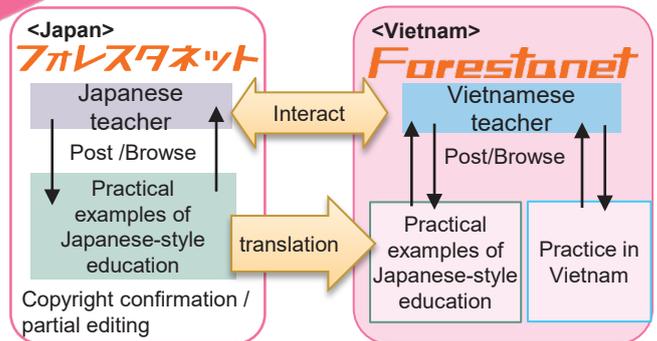
“Forestanet” is a platform for Japanese teachers to share various contents (contents related to classes and class management, videos, examples of writing on the blackboard, lesson plans, class records, handout data, etc.) with other teachers. Translate these contents into the local language so that Vietnamese teachers and students who want to become teachers can be “content recipients”. In addition, the Vietnamese version of “Forestanet” will be operated so that they can share the content they have created with other teachers as a “content publisher”.

Project Purpose

We will directly deliver the high-quality and practical content required by the Japanese educational scene, as well as the needs of the Vietnamese government for “dissemination and improvement of the quality of education”.

In addition, in response to the needs of teachers in Vietnam to eliminate qualitative and quantitative disparities between regions, we will operate a content sharing platform for Vietnamese teachers that utilizes ICT regardless of the location.

Implementation Structure



Activities & Outputs

(1) Maintenance and repair of Vietnam version Forestanet

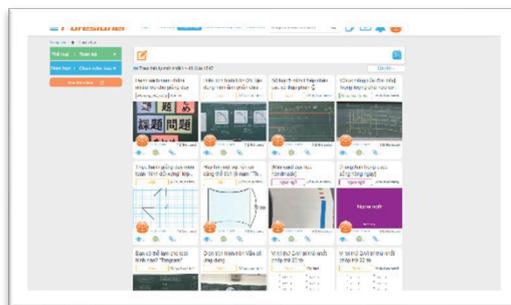
In collaboration with Kaopiz Co., Ltd., a Vietnamese corporation, we managed to operate without any system troubles or communication failures.

(3) Joint research with Nagaoka University of Technology

In order to provide content that satisfies the needs of each user, we promoted the development and implementation of the “content recommendation function in Forestanet”.

(2) Contentselection/translation/posting

Among the content collected in the Japanese version of Forestanet, we translated practices that are highly compatible with school education in Vietnam. The number of cases is 1,850, which is 1.2 times the plan.



Webpage of the content list



Practical introduction to mathematics instruction

Way Forward & Message from the Project

[Website activation]

We aim to deliver information that meets timely needs by aligning site updates and content with the local Vietnamese school schedule.

Contact

SPRIX Corp., Public Education Division

Shimanuki Ryota (Mr.)

TEL : +81-3-5927-9435, Email : r.shimanuki@sprix.jp

We aim to enhance learning support to include people in poverty in Sri Lanka under the social disruption triggered by COVID-19 and worsening economic conditions. To expand the use of digital education, we will strengthen cooperation with NGOs in addition to schools and tuition centers. Also, Digital Math Contest incorporating Japanese-style math education will be held internationally including other operating countries like Indonesia, followed by the event where students compete by the amount of learning. Through enhancing interaction between Sri Lankan and Japanese, we aim to foster an international perspective in the students of both countries.

Project Purpose

- To create learning opportunities with schools, tutoring schools, and NGOs in Sri Lanka in the midst of economic crisis which faces the decline in academic performance due to the long closure of schools.
- To foster learning motivation and an international perspective in the children of both countries through exchanges between Sri Lankan and Japanese children.

Activities & Outputs

Expanding use of Digital Math program "Surala Ninja! to Public Schools and NGOs

In response to serious learning losses due to prolonged school closures under the pandemic, interest in ICT materials that can provide personalized learning gets strong. This year, our ICT program was introduced for the first time to a public school in Sri Lanka as a part of after school activities. The program is also introduced at NGOs that supports increasing impoverished children. Working with local facilitators, we aim to improve basic academic skills.

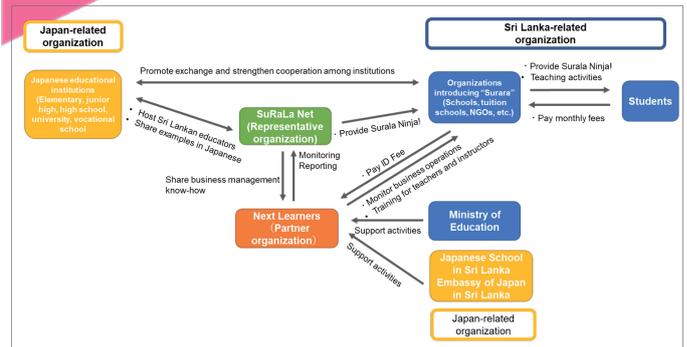


After-school program at public schools



Class in the center run by NGO

Implementation Structure



Conducting events to connect overseas and Japan: involving parents

We held the contest consisting of "Box Calculation" method from Japan, and "Math Test" created with support by The Mathematics Certification Institute of Japan. In addition to Sri Lanka, Indonesia, and the Philippines, participants from Japan were invited to bring the total number of participants to 2,102. In addition, the "SURALA Cup," a competition for the amount of learning, is held from December 2022. As part of it, workshops were held jointly in Japan and overseas, inviting Japanese experts to address the concerns of parents, with about 130 participants.



Digital Math Contest



Parents Workshop

Way Forward & Message from the Project

In Sri Lanka, recovering from the learning losses caused by the pandemic and the economic crisis is crucial, and we believe ICT materials that provides personalized learning can play a significant role. Additionally, we are expanding events that connect students in Japan and other countries. Moving forward, we aim to contribute to improving students' academic performance and create opportunities for diverse students to learn together, while diversifying the regions like Egypt.

Contact

SuRaLa Net Co., Ltd., Overseas Business Development Dept.
 Nakaie (Ms.), Matsumoto (Ms.)
 TEL : +81-3-5283-5158, Email : info-overseas@surala.jp



Mizuno HEXATHLON program for introduction into the public primary education system in Vietnam [Vietnam]



Through the meetings with Ministry of Education and Training in Vietnam, physical education teachers training and demonstrations in schools, Mizuno aspire to introduce our proprietary developed exercise program “Hexathlon” to all the public primary schools in Vietnam. Mizuno believes this will contribute to improve the physical education classes in Vietnam, of which currently lacks to provide to children the opportunities to practice movements such as “running”, “jumping” or “throwing” under the limitation of time allocated to the classes. Furthermore, we aim to share the joy of exercise with the children, to decrease health problems relating obesity and contribute to the sustaining healthy lives of the Vietnamese people.

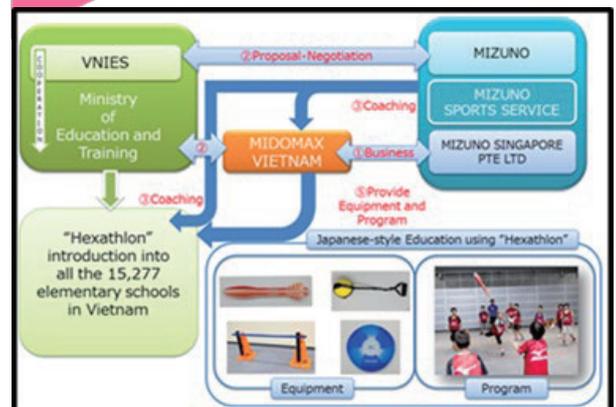
Project Purpose

The needs of physical education classes in Vietnam primary school education are

- 1) To teach children different kinds of movements efficiently within the 30 minutes of physical education class.
- 2) To enhance children’s physical strength and athletic ability.
- 3) To decrease health problems relating obesity.
- 4) To contribute to health enhancement.

By introducing Japanese-style Education, we do not only meet the needs above, but we can also improve judgement and communication skills in a mid-long term.

Implementation Structure



Activities & Outputs

Reception of a special letter of appreciation from the President of Vietnam

On June 27th, 2022, Mizuno has received a special letter of appreciation from H.E. Mr. Nguyen Xuan Phuc, President of Vietnam.

Monetization of Mizuno Hexathlon Business

Together with various partners, we Mizuno are currently working for adding Mizuno Hexathlon equipment to the Vietnamese National Equipment List, which is the most essential milestone toward monetization by unifying social contribution and business earnings.



Big smiles with Mizuno Hexathlon



With compliments from Vietnam to Mizuno



Future Prospect & Message from the Project Team

In order to realize a global sustainable society, We Mizuno will continuously endeavor to prosper “SDGs business” with the spirits of “justice above profit”.



Contact

MIZUNO Corporation, Corporate Planning Office
Morii Seigo (Mr.) Email : smorii@mizuno.co.jp

For third grade of Egyptian-Japanese School (EJS) which has no music subject, this project will create teaching materials based on Japanese-style music education, conduct music teacher training, and introduce music classes. For fourth grade which has music classes without instrumental music curriculum, this project will provide teacher training and recorder lessons by expanding the number of pilot schools. Through these activities, this project further seeks to contribute to the achievement of Goal 4, 10, 16 and 17 of SDGs in collaboration with the Ministry of Education and Technolal Education.

Project Purpose

To support the promotion of EDUCATION 2.0, a new educational guideline with revamped holistic curriculum for Egyptian Japanese Schools (EJS) from the angle of music education, and improve the quality and content of education.

Activities & Outputs

■ Completion of third grade music educational materials

Completed developing educational materials and instruction manual containing the elements of singing, musical instruments (recorder), music making, and appraising as a bridge to fourth grade music classes.

■ Teacher seminar

Teacher seminars for 44 teachers in 40 schools were held 20 times using the educational materials for third graders noted above. Three of these seminars were held in-person in July, marking the first time in three years.

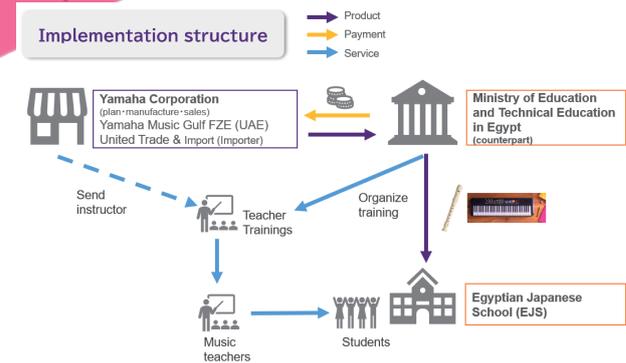


Third grade music educational materials and instruction manual for EJS



Onsite training program held for the first time in three years

Implementation Structure



■ Commencement of measurement of non-cognitive skills

The first round from November 2021 examined the measurement method for non-cognitive skills and the second round from November 2022 implemented a questionnaire for teachers and students and video recorded classes.

■ Commencement of music classes including recorders

Music classes including recorders for fourth graders and music classes for third graders were started in November 2022 at 40 schools.



Classes commenced in November 2021



Classes commenced in November 2021

Way Forward & Message from the Project

Following a pilot project in nine schools in 2021, the project has been expanded to 40 schools this time around. Last summer, onsite training program was held for the first time in three years, which allowed us to give teachers input directly on interactive learning between students through pair work and group work, which are the focus in the third grade educational materials produced this time.

By keeping on providing follow-up training programs, we will seek to establish music education in EJS.

Contact

Yamaha Corporation, Musical Instruments & Audio Products
Sales Unit, Asia-Pacific Sales Division Hayashi (Ms.)
Email : inquiry-school-prj-SMB@music.yamaha.com

To support the promotion of holistic education in Brazil, this project will provide around 300 students with Japanese-style instrumental music education using recorders at 20 public primary schools in two cities in Brazil. Based on the 10 competencies that the Ministry of Education in Brazil has set as the “Base Nacional Comum Curricular (BNCC)”, this project will conduct a research about what kind of “non-cognitive skills” can be nurtured by Japanese-style instrumental music education with cities and universities in Brazil and Japanese university. Through the collaboration of industry, government, and academia, this project further seeks to contribute to the achievement of Goal 4, 10, 16 and 17 of SDGs.

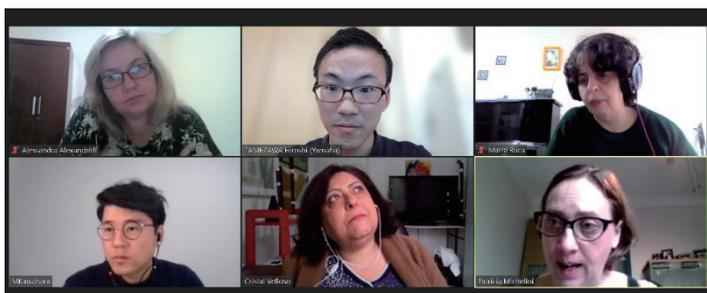
Project Purpose

To support the promotion of holistic education in Brazil following reforms to the curriculum of early childhood and primary education initiated in December 2017.

Activities & Outputs

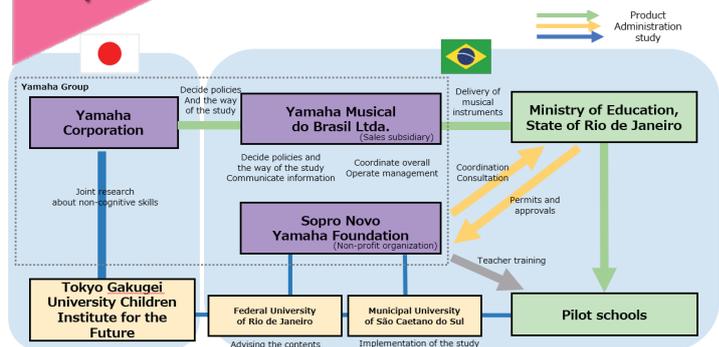
■ Meeting ahead of implementation of survey on non-cognitive skills

Several meetings were held with the Brazilian research team to ensure the entire project is on the same page including measurement of non-cognitive skills, ahead of the main meeting that will also involve Japanese research team. Identified differences in awareness concerning research ethics, etc.



Meeting with the Brazilian research team

Implementation Structure



■ Meeting with the Embassy of Brazil in Japan

Visited the Head of Culture Affairs to report on the FY2022 EDU-Port Japan Supported Project adoption and ask their backend support going forward.



Visited the Embassy of Brazil in Japan
Presentation of recommendation letter

Way Forward & Message from the Project

This is the first time for us to conduct a joint research with both Japanese and Brazilian academic institutions for the study on non-cognitive skills. Multiple talks have been held with the Brazilian side to ensure the project proceeds both carefully and cautiously. Therefore, the plan to launch new recorder classes and begin the research study on non-cognitive skills in January 2023 has been pushed back by one year to January 2024. We will give our best efforts to resolving any issues in order to support the promotion of holistic education going forward.

Contact

Yamaha Corporation, Musical Instruments & Audio Products
Sales Unit, Asia-Pacific Sales Division Nogami (Ms.)
Email : inquiry-school-prj-SMB@music.yamaha.com

This project will develop and run an online exam to assess the academic ability of high school students. The online exam :

1. enables students to compare and evaluate their capacity across schools and provinces,
2. eases the burden on teachers, which improves the teacher shortage and uneven teaching quality and,
3. assists in optimized learning and teaching opportunities.

This project helps students expand their possibilities and contributes to nurturing excellent international human resources in Viet Nam.

Project Purpose

To figure out how much needs high schools and high school students have for academic achievement assessment tests in the northern area of Viet Nam.

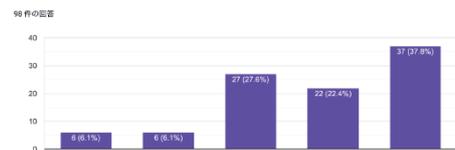
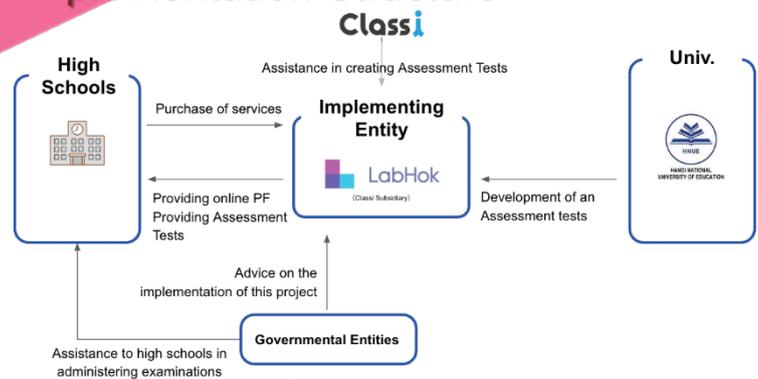
Activities & Outputs

When schools are closed due to COVID-19, teachers and students at a total of 40 schools took online midterm and final exams and homework assignments through our service.



Workshop for local governments and government officials

Implementation Structure



Results of survey on achievement assessment tests for high school students

We have worked with numerous municipalities and boards of education, as well as introduced our services at municipal principals' meetings.

In addition, we have conducted a simplified academic achievement assessment test, which has already been taken by several thousand people. The results of questionnaires show a high level of satisfaction.

Way Forward & Message from the Project

We are pursuing this project with the hope that students will discover their true potential regardless of where they live or what environment they are in.

By building a bridge between Japan and Viet Nam, we will contribute to raising the quality of education in both countries. If there is anyone in Japan who is interested in collaborating with Vietnamese high schools, please contact us.

Contact

LabHok Co., Ltd. Ishikawa Ryuji (Mr.)
Email : ryuji.ishikawa@labhok.com



Development of model curriculum of food sciences and implementation of Japanese-style science education [Republic of Peru]

This project will improve and continue the contents of two existing courses (“Sake Studies” and “Japanese Tea Studies”), which are the subjects of sake and Japanese tea offered at the Catholic University of Santa María (UCSM) in Peru.

The project will also develop new subjects (“Taste and Aroma” and “Traditional Food and Food Pairing”) that focus on the content that has been part of both subjects so far. At the same time, the project will develop textbooks corresponding to these subjects and supplementary teaching materials for experimental practice.

Project Purpose

The purpose of this course is to develop a model curriculum related to the production, distribution, and consumption of traditional Japanese foods, and to develop Japanese-style science education overseas.

Activities & Outputs

1) Development and conducting a course of “Sake Studies”

- 2017-2019: Sake seminar and lecture held at Indiana University (Indiana, USA)
- 2018: “Sake” lecture held at Romania American University (RAU, Bucharest, Romania)

Development of new course on “Sake studies” with National Research Institute of Brewing

- 2021: “Sake studies” course was performed at UCSM
- 2022: “Sake -Basic-” course was performed at UCSM



Sake tasting session



Tea tasting session

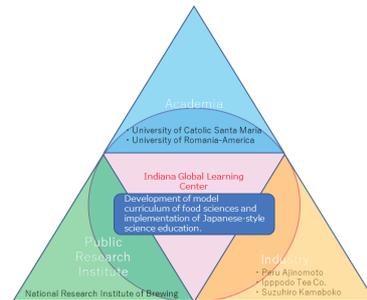


Result debriefing session



UCSM

Implementation Structure



2) Development and conducting a course of “Tea Studies”

From the subjects of “Umami” and “Japanese Cuisine” in Sake Studies, a new course of “Tea Studies” was developed with Ippodo Tea company (Kyoto, Japan).

- 2022: “Tea studies” course was performed at UCSM

3) New lecture courses “Taste and flavor” and “Traditional Food” as well as practical courses of Sake and Tea studies have been developing.

Way Forward & Message from the Project

- Development of new lecture and experimental courses by deepening the contents derived from each subjects of "Sake Studies".
- Development of teaching materials.
- Develop a science education curriculum based on the outcomes of food science research in Japan and implement educational curriculum overseas.

Contact

Indiana Global Learning Center Kitayama Masahiko (Mr.)
Email : masa75@mac.com

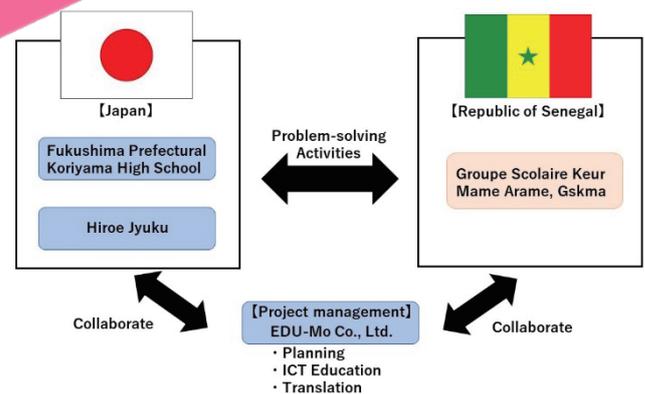
Education for International Understanding through collaborative learning for Well-Being [Republic of Senegal]

This project will provide elementary, junior high, and high school students in Senegal and Japan with Education for International Understanding to learn, think, and solve domestic problems of both countries on their own initiative. This project aims to improve the quality of education in Senegal (teachers, teaching methods, use of ICT, etc.). On the Japanese side, by providing opportunities to experience different cultures from childhood, the project will contribute to improvement of problem-solving skills and development of human resources for internationalization of both countries.

Project Purpose

Contribute to the improvement of "quality of education" as emphasized in "PSE: Plan Senegal Emergent (2014)", a proposal by the Senegalese government, and contribute to the internationalization of education in Japan. It will also serve as an opportunity to think about concrete solutions by turning our attention to social problems in both countries.

Implementation Structure



Activities & Outputs

【Building a cooperative system with Senegal】

We collaborated with educational institutions located within Senegal. Since they operate from kindergarten to university, we expect that we can interact with each other regardless of the age of students.

【Regular exchanges between Japanese children and Senegalese】

We provide opportunities to interact with Senegalese online at least once a week and introduce each other's cultures.

【Face-to-face exchange between Japanese children and Senegalese】

We took advantage of the elementary school winter break to meet up with a Senegalese who lived in Japan and spent half a day together in Tokyo, showing him around the city.

【Exchange with international students】

We held an event in which Japanese children became Japanese teachers and taught "kanji" to international students.



Senegal x Japan online exchange



face-to-face exchange



International student exchange event was featured in the local media

Way Forward & Message from the Project

We have been promoting cross-cultural understanding education for kindergarten and elementary school students, and this project will newly expand the scope of such education to high school students. We also believe that we can contribute to education not only in Senegal but also in Japan by working together with local communities in Senegal, where our activities have been limited within Japan. We are aiming to accumulate knowledge through this project, and in the future, we will connect our collaboration with other countries around the world, as well as serve as a bridge between schools and education for international understanding.

Contact

EDU-Mo Co., Ltd. Kaneda Moe (Ms.)

TEL : 050-3551-9449, Email : japan@myedumo.com

This project will provide around 580 students with Japanese-style instrumental music education using recorders at 10 Indian public primary schools in collaboration with the Delhi Board of School Education (DBSE). In addition, for those affiliated schools where instrumental music education has not been introduced so far, the project will continue to provide teacher training for music teachers, focusing on how to play the recorder and use the teaching method of holistic education. Through these activities, the project further seeks to contribute to improving of the quality for music education in public primary schools in India.

Project Purpose

Support the continued understanding of learning, shift to holistic education focused on individuality, and provision of global education, targeted by the Delhi Board of School Education from the perspective of Japanese-style music and instrumental music education.

Activities & Outputs

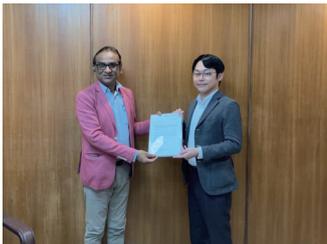
■ Meetings with each institution ahead of class implementation

○ Delivery of recommendation letter to DBSE CEO

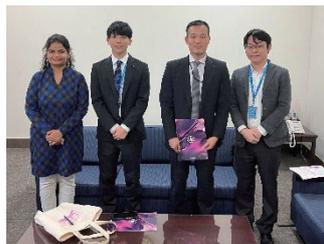
We visited DBSE in Delhi in mid-December to report that this project was certified as 2022 EDU-Port Japan Supported Project and deliver the recommendation letter. A meeting was held aimed at project rollout.

○ Embassy visit and project briefing

We also visited the Embassy of Japan in India and the Embassy of India in Japan to explain about the project.

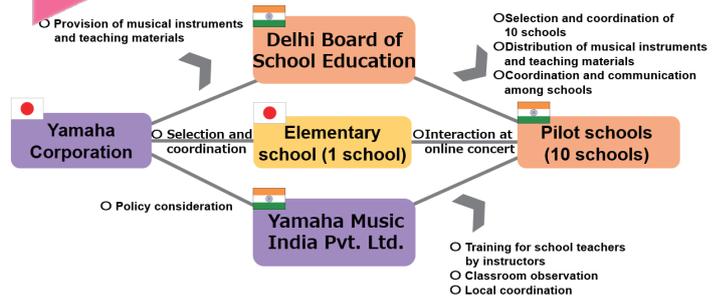


Delivery of recommendation letter to DBSE CEO



Visit to the Embassy of Japan in India

Implementation Structure



■ Understanding the status of local primary schools

○ Observation at three pilot schools

We visited three of the 10 pilot schools in August and December to understand the status, including school building and number of students, and met with each principal.

Also, we observed music classes, teacher performing traditional Indian instruments, and students singing songs.



Pilot school



Performance in a music class

Way Forward & Message from the Project

Began discussions on collaboration with DBSE in June 2022, and holding meetings and visiting local schools, preparations are now underway to implement recorder classes at pilot schools starting in April 2023.

This project will strive to provide DBSE, teachers and students with Japanese-style instrumental music education. In the first year, we will start recorder classes and provide teacher training programs, with the goal to expand the number of schools in the second year and beyond.

Contact

Yamaha Corporation, Musical Instruments & Audio Products
Sales Unit, Asia-Pacific Sales Division Watanabe (Mr.)
TEL : inquiry-school-prj-SMB@music.yamaha.com

Please Visit our Website

EDU-Port Japan	<input type="button" value="search"/>
--------------------------------	---------------------------------------

Please Contact

 ml-eduport@k-rc.co.jp



文部科学省

MINISTRY OF EDUCATION,
CULTURE, SPORTS,
SCIENCE AND TECHNOLOGY-JAPAN