

Future lessons

Through the project activities, teachers have an equal opportunity to improve their capability continuously and regularly. As a result, science and mathematics lesson will be more practical to make children think, judge, and do by themselves.



Project for Improving In-service Teacher Training for Science and Mathematics Education

ITSME

Map of the target area



Teacher should be a life-long learner

Teacher education is not completed only by Pre-Service Training at TEI (Teacher Education Institute) because an actual development of teacher's profession is made through their job at schools. It means that all the teachers have to continue studying even after graduation from TEI. One of the opportunities for In-Service Training is Internal Supervision (IS) where teachers can improve their capacities at school level.

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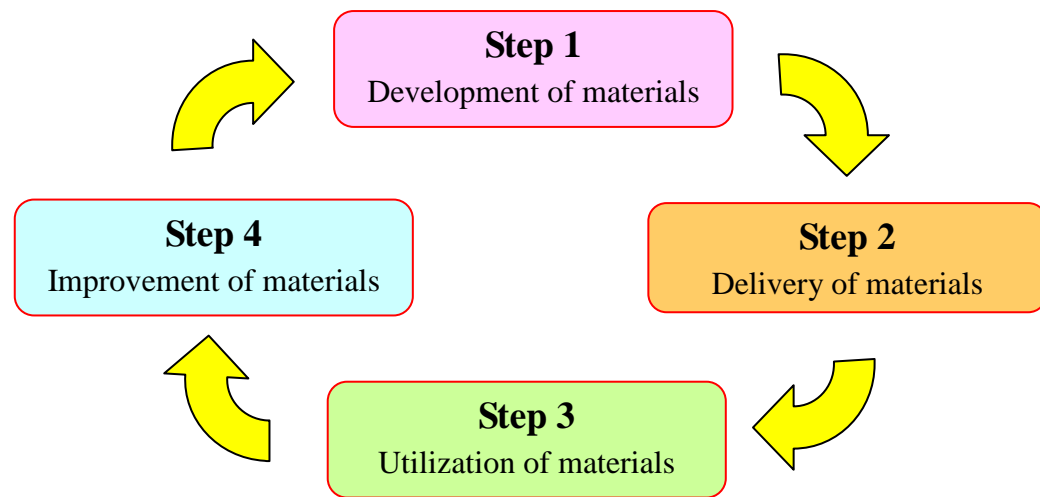
What is the Project Objective?

The project focuses on the improvement of the quality of science and mathematics lessons in the target schools.

In order to improve the lessons, the project considered the development of teacher capacities. Therefore, the project decided to enhance the opportunity of continuous teacher education by utilizing existing training system effectively, which is IS.

Project Activities

To revitalize IS program, the project establishes the system of the following circulating steps to provide the ITSME training materials for IS.



Step1: Development of materials

ITSME materials for IS is an exemplar lesson plans specifically prepared for teachers' study at IS. The materials are developed by ITSME trainers who are the representatives of DEB, PES and TTC. They check whether the materials meet the required quality as ITSME lessons. During the development, the project also develops skills and knowledge of ITSME trainers.



Exemplar lesson plan

In order to make a lesson easy to understand and enjoyable for children, ITSME lesson plan equips three main characteristics as follows.

1. Lesson objectives are clear
2. Activities are suitable to achieve the lesson objective
3. Evaluation questions are appropriate to measure the attainment of the lesson objectives

Step2: Delivery of materials



In order to deliver and introduce the materials, the project has TOT, a meeting of principals and ATs from the target schools. In TOT, participants study the materials by the guidance of ITSME trainers. TOT is basically conducted once at the beginning of each semester providing ITSME materials for the period.

Step3: Utilization of materials

IS is a key stage of ITSME to make the teachers exposed to a new mode of teaching-learning activities with ITSME materials. There are several styles of IS. For example, analysis and discussion of the materials, demonstration lesson with materials, observation and feedback, use of materials for children after teachers' study and so on.



Step4: Improvement of materials

Monitoring and feedback is a school visit by ITSME trainers to maintain the quality of IS.

