

Kampung STEM Joho

(Joho STEM Village)

Location:

Dusun Joho, Condongcatur, Depok,
Sleman, DI Yogyakarta, Indonesia

Project Description

Kampung STEM Joho (Joho STEM Village) is a project aimed to facilitate joyful and meaningful as well as useful mathematics learning for students/children in their daily lives and to give knowledge of meaningful and applicable STEM learning to people in Dusun Joho, Condon catur, Depok, Sleman, Yogyakarta. STEM stands for Science, Technology, Engineering and Mathematics. It is learning approach that integrates those four subjects.

STEM is very useful to improve students' 21st Century Skills and to students' future careers. Therefore, it is very important to introduce and implement this learning approach to children as well as parents to produce better human resources through education. Joho is the nearest village from SEAMEO Regional Centre for QITEP in Mathematics, our institution. In this project, people at Joho especially children and parents learn some applicable STEM learning that can improve their creativity, motivation and income. It has been started since November 2018 and it is expected to continue and sustain in the future.

Beneficeries

20 parents and 30 children. The number of participants is still increasing especially children that are interested in joining in every STEM Activities.

Activities

Children

- Balloon Powered Car
- Maglev System
- Earthquake Resistant Structure
- VBS-Power Rocket
- Ecobrick
- Outdoor String Art
- Windmill
- Ecobuilding
- Simple Thermometer
- Wigglebot

Parents

- Ecoprint Batik
- Essential Oil
- Jumputan Batik
- Shibori
- STEM Exhibition
- Workshop

More Info:

www.qitepinmath.org

secretariat@qitepinmath.org

+62274 889955

