

EMPOWERING STUDENTS' LEADERSHIP ON SGD 6 VIA INTEGRATED GREEN GARDEN

RCE Penang@USM

Ground Floor, Menara Sejahtera,
Universiti Sains Malaysia, 1
1800 USM, Penang,
Malaysia

Phone: +604-653 6283 / 6284

Fax: +604-653 6284

Website: <http://www.rce-penang.usm.my>



RCE Penang at USM



RCE Penang



Introduction

Water plays an important role as it is a basic requirement to sustain life. Water is used for personal needs, irrigation in agriculture, and also in industry to produce various products. Water not only affect organisms directly, but also affect the economy and the environment globally. RCE Penang has developed a water education module designed to facilitate teachers infusing water education at their preschools and primary schools. Thus, we develop the Integrated Green Garden to empower teachers and students on SDG 6 by providing consultation on how to build the integrated green garden at school by using rain water harvesting system or air conditioner water.

Our Objectives



To provide awareness to teachers and students about the lack of clean water



i. To expose and educate teachers and students about water care



To empower students leadership on SDG 6



To provide skills to teachers and students to develop *Integrated Green Garden* at school

What is Integrated Green Garden?

The Integrated Green Garden use the concept of water reuse. We use the rain-water harvesting system to water our organically grown vegetables. We also do our own composting system to fertilize the our garden. Besides, we implement no digging by using the *batas apungan* technique and the coco peat as soil replacement.



In SDG 6, the objective is to ensure availability and sustainable management of water and sanitation for all. This is due to scarcity global freshwater problems.