

Get involved!

Schools

Schools can play an integral role in educating students, as well as their parents, in proper solid waste management practices. GEC can help to establish a SMART Ranger Programme in your school and provide training to ensure the success of the programme. SMART Ranger schools are also invited to participate in local environmental events where they are able to meet other schools in the programme.



Communities

Any local community that is interested in making their neighbourhood a cleaner, healthier place to live is encouraged to start a SMART Ranger Programme! GEC can assist in getting local government support for communities who are committed to making a difference and will assist in establishing the programme.



Corporate Organisations

The SMART Ranger Programme can also be tailored for corporate organisations who are interested in reducing their waste production, improving efficiency and capacity building for staff. By producing less waste, you not only save money by wasting less resources, but you also reduce your organisation's carbon footprint and environmental impact.



So what are you waiting for?

Contact GEC today to help YOU manage your waste responsibly!

Waste



Waste Minimization

Use less! It's as easy as that!



Waste Management

Practice the **4R2C** concept!

- Rethink - do I really need it?
- Reduce - buy less!
- Reuse - be creative!
- Recycle - paper & the rest!
- Compost - your fruits & veggies!
- Close the loop - buy recycled items!



Offset your waste

Plant trees or buy carbon credits to offset your carbon emissions produced from your waste!



YOU can achieve a **ZERO** waste lifestyle by following these 3 simple steps! Make this your goal today, and together, we can build a better future!

ZERO 
waste

SMART Ranger
Start Managing All Resources Today 



rethink, reduce, reuse, recycle,
compost, close the loop

www.smartranger.net

River Care Programme

For more information, please visit our SMART Ranger website or contact us at:

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What is SMART Ranger?

SMART (Start Managing All Resources Today) Ranger is an Environmental Education Programme to learn about the environment with a focus on natural and non-natural resource management in Malaysia.

The SMART Ranger Programme is seen as a platform for Malaysians to learn about solid waste management (SWM). It aims to encourage recycling at home and in communities as well as promote a zero-waste lifestyle.



Why?

At present, there is a lack of information, knowledge and education for the general public to take action on SWM issues. Some local governments are currently spending up to 40-70% of taxpayer's money annually for SWM alone, and is facing considerable problems with the rising amount of waste that the nation is producing. An average Malaysian produces up to 2kg of waste per day with only around 5% of all waste being recycled. Our landfills are reaching their maximum capacity, and other options, such as incineration, are being considered. Since the Solid Waste and Public Cleansing Management Act was passed in 2007, there is now government support for SWM activities at the local level.

Proper education on the issues and how to manage solid waste properly for our younger generations can help to build a greener nation - one that is conscious of solid waste issues, and how to manage their waste responsibly.

Objectives

- Create and enhance public awareness on managing resources.
- A way for them to contribute to environmental well being.
- To teach them the importance of reducing their waste and recycling.
- To initiate a systematic and scheduled recycling programme.
- To help generate revenue for classroom activities.
- To set-up a Recycling Collection Centre, where possible.

Civic Science Approach

Global Environment Centre prides itself in being the first to introduce the concept of 'Civic Science' as a way to approach community participation in SWM. The concept means to bring thoughts about issues from the mind down to the heart, by giving the people the awareness, knowledge and, most importantly, skill to take action on environmental matters.



The SMART Ranger Programme

Establishing a SMART Ranger Programme involves a 4-step process:

Step 1: Selection Process

- 2-4 teachers/adults/ community leaders
- 20 students/children

You need dedicated teachers like this guy!
Cikgu Ong from SK Sri Kelana

...and great kids who really want to help!

Step 2: Support Group

- SMART Ranger Club
- School Management
- PIBG, Local Government
- Environmental Steering Committee



Step 3: Training

- Certified training by GEC or SMART Ranger Teachers
- Theory and practical components

Step 4: Action

- Sorting and collection of recyclables
- Data collection and reporting
- Training others
- Organize events
- Composting, garbage enzymes
- Nature craft

Modules

The SMART Ranger Programme involves theory and practical training in SWM. There are 4 training modules, which teach participants about the current status of SWM in Malaysia, and give them the knowledge and skills to manage their waste responsibly in their daily lives as well as in their schools/organisations.

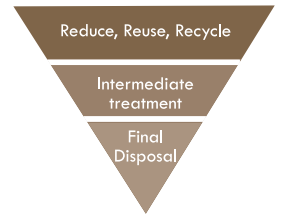


Module 1: Solid Waste and the Environment

- Introduction to the environment
- What are the solid waste issues we face today?
- Impacts of solid waste on the environment

Module 2: Integrated Waste Management

- Understanding the concept of integrated solid waste
- SWM in Malaysia
- The 4R2C concept



Module 3: Hands-on Activities

- How do we sort recyclables?
- How can we make nature craft?
- How do you compost and use garbage enzymes?



Module 4: The Next Step

- How can you initiate a zero waste system?
- What else can you do as SMART Rangers?



Upon completion of the modules, participants will be awarded a SMART Ranger certificate, which validates them as official SMART Rangers. From here, they will form their own SMART Ranger Committee which will work on initiating a recycling programme in their school or community, and training their peers on proper resource management.