



MEXT

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

SEAMEO-Japan ESD Award

Theme for 2012: Education for Disaster Risk Reduction

Supporting Partners:



Bangkok Office
Asia and Pacific Regional
Bureau for Education



Bank of Tokyo-Mitsubishi UFJ

PART I: Details of Your School

1. Name of your school: SJK (T) Ringlet
2. Full address: SJK (T) Ringlet, 39200 Ringlet, Cameron Highlands, Pahang.
3. Postcode: 39200
4. Country: Malaysia
5. Telephone number (country code+city code+telephone number): 06054958509
6. Fax number (country code+city code+fax number): 06054958509
7. Name of the Head Master/ Principal/ School Director: Mr. Arunagirinathan A/L Sevakan
8. Name of Teacher Coordinator: Mr. Anantharajoo A/L Selvarajoo
9. Email address: sjktringlet@yahoo.com
10. School website (if available): -
11. Educational level (Such as Kindergarten 1 to Grade/Year 9): Preschool to Year 6
12. Number of teachers in your school: 11
13. Number of students in your school: 102
14. Please provide the name of teachers and students who were/have been involved in the planning and implementation of this school activity/programme on Values Education.

Teachers:

- a) Mr. Arunagirinathan A/L Sevakan
- b) Miss Rajammal A/P Ramasamy
- c) Mrs Gunavathy A/P Perumalu
- d) Mr. Mohd Azizi B. Mat Ariff
- e) Mr. Thamilarasan A/L Supramaniam
- f) Mr. Anantharajoo A/ L Selvarajoo
- g) Miss Sheela A/P Subramanian
- h) Mis Nisha A/P Arikrishnan
- i) Mr. Maggheswaran A/L Rajendran
- j) Miss Kanmalar A/P Gobal
- k) Miss Jennifer A/P Antuny

Students:

- a) Preschool
- b) Year 1
- c) Year 2
- d) Year 3
- e) Year 4
- f) Year 5
- g) Year 6

PART II: Information about the School's Values Education Activity/Programme

The information of part II from no.1 to 14 should be no longer than nine (9) pages long of A4 in total. The information should be written in Times New Roman font, 11-12 point size.

1. Title of the school's programme

"Gratitude towards Mother Nature"

2. Summary of the programme (a half to one page A4)

We at S.J.K (T) Ringlet care deeply about the environment and as a result of this we became involved in the Green Schools Programme. Green school programme is a successful programme conducting by S.J.K (T) Ringlet for past three years. We entitle our programme as "Gratitude towards Mother Nature" and the title brings a deep meaning to the Programme. By inculcating the respect for our environment from a young age, our School aims to develop a generation that will adopt responsible lifestyles and attitudes towards the conservation of our environment. The programme fosters the environmental stewardship in students as part of initiative to promote behavioural change and attitude of individuals towards the environment. It's a continual and extended programme and will be continued and expanded to a wide level in future. In order to run this programme we are not just focusing to one activity but a few activities regarding to environment throughout the year. Some of the programmes are conducted throughout the year and some are annual programmes. Tree planting, hibiscus planting and seedling, mangrove tree planting and seedling, orchid conservations, recycling programme, soil composting, oil composting, and water monitoring are some programmes done by the school for the past three years. We are also doing "used battery collection" activity as a part of the programme.

We are doing these programmes in school level and also national level as a part of school activity. We also have done some international programme, such as "a warm journey to Medan" and involved in ENO International conference in Thailand in year 2012.

With the number of 102 students and 12 teachers, S.J.K (T) Ringlet is well known among the NGO's and also government environmental movements for its effort and initiative for the environment preservation and conservation. We are fully supported by the Malaysian Education Ministry and local NGO's such as REACH. We also join venture with other movements to expand and implement the programme.

These activities not just stop as an extra-curricular activity but our children learn about science and the environment through hands-on activities related to the programme during their classroom studies.

The main objective of these activities is to create awareness among younger generation towards Mother Nature and environment distortion. Conservation and sustainability of Mother Nature is also a part of our main objective of our programme. It is also aims to develop a generation that will adopt responsible lifestyles and attitudes towards the conservation of our environment.

3. Background information or reasons why the school created this programme

This programme was actually started as a compulsory school programme and it was enhanced to a wide range with the partnership of NGO's and Malaysian Education Ministry itself. In partnership with ECO and ENO School Malaysia the programme draws the school teachers and students from preschool until year 6 to participate in the programme. This reinforces the green message through indoor and outdoor activities as well as theory and practical exercises. They are made to understand the impact of climate change, and encouraged to adapt their behaviour to challenge this.

The Major reason of the endurance of the programme is the position of the school, which is situated in Cameron Highlands. This suitability of the niche area abstractedly contributes to the development of the programme and unintentionally helps the school to grow and invade other opportunity in sustaining the environment.

As we know, while human population increase and natural resources and habitats become more limited, there is a critical need for younger generation in resources conservation. Besides that, this programme indirectly creates a multi-disciplinary field that integrates rigorous academic training in conservation and social science with hands- on field skills and cooperative education learning. Meanwhile, this will be an opportunity to pupils to learn about ecology of terrestrial and how these systems can be managed to conserve biodiversity and protect ecosystem functions while providing sustainable benefits to society.

4. School vision, mission and core values

School Vision: A clean, healthy and well protected environment supporting a sustainable society and economy.

School Mission: To protect and improve the environment as a valuable asset for the people of Malaysia.

School Core Values:

- Work with others to build effective networks and partnerships to support our mission.

- Treat people with respect, courtesy and dignity.
- Open to change, innovation, adaption and new ways of working.
- Committed to continuous learning and development, and the promotion of excellence in all that we do.
- Responsibility,
- Love towards the nature

5. Objectives/goals of the programme

- To sustains the Mother Nature
- The programme also aims to educate how waste and alternative energy sources have an impact on climate change.
- It also serves to empower young children, their families and their school communities to reduce their energy.
- Teaching children about the wonders of the environment and how they connect to nature.
- As we believe sustainability of the programme lies in providing the necessary knowledge and skills to develop teachers' capacity and capability in the area, teachers and students become the key recipients of this programme.
- Among the objectives are to promote smart and caring lifestyle, optimize the use of energy and resources, as well as conserve and enhance natural resources and environmental quality.

6. Values that the school aims for within the programme and/or definitions

- How to conserve and preserve the green nature.
- Know the values of Mother Nature.
- The consequence of pollution
- Living in free pollution zone and create green environment.

7. Period of the time when the programme was or has been implemented

3 years

8. Activities (Actions and strategies of implementation)

ACTIVITIES	ACTIONS	STRATEGIES
TREE PLANTING (Biodiversity of tree)	<ul style="list-style-type: none"> - Planted more than 50 trees around the school. (Pine trees, palm trees, decorative trees and so on). - Planted more than 300 trees in own biodiversity area. - Donated tree seedlings to other school all over Malaysia which comes for benchmarking at the school. 	<ul style="list-style-type: none"> - created own reserve biodiversity centre on own initiative. -national and international tree planting programme
HIBISCUS PLANTING	<ul style="list-style-type: none"> - planted hibiscus plants around the school compound. - Planted hibiscus plants in most schools visited all around Malaysia. -Distribute hibiscus seedlings to other school and even to Municipal Department of Cameron Highlands. 	<ul style="list-style-type: none"> - Owns hibiscus seedling nursery at school. - Distributed hibiscus seedling to other schools.
MANGROVE TREE PLANTING	<ul style="list-style-type: none"> - It's an annual programme of our school. -we are doing this programme for past 2 year at wet land of Kuala Gula. -We team up with ENO & ECO environment Malaysia to do this activity. - We expose and give awareness about the important of the tree to the students by giving speech and brought the students to Mangrove forest every year. 	We always go to Kuala Gula 200KM far from Cameron Highlands to do seedling and Mangrove tree planting
ORCHID CONSERVATION (CONSERVE SLIPPER ORCHID)	<ul style="list-style-type: none"> - We work in partnership with Ipoh Orchid Society to grow the Orchid which is facing extinction. (Barbetum) -We also cultivate various kinds of Orchids at our Nursery. 	<ul style="list-style-type: none"> - We join forces with Ipoh Orchid Society to grow the Orchids. Especially to grow and conserve orchids which is facing extinction.

		(e.g. Slipper Orchid)
RECYCLING PROGRAMME (APPLY 3 R CONCEPT)	<ul style="list-style-type: none"> - Every class has their own recycle bins. - Students bring recyclable items from their house such as newspapers, used papers, plastic items and so on. - We also do “DIY” activity every year as a part of project using recyclable items collected. 	<ul style="list-style-type: none"> - We do this activity throughout the year. - We have created recycling collection store to collect and store the items before sell it to the vendor. - the money earned by selling items will be accounted to their special bank account. The Money is also used by the students to meet their expenses for the classroom. - We apply 3 R concept (recycle, reuse and reduce)
Water Monitoring	<ul style="list-style-type: none"> - Students bring water sampling from nearby river and do monitoring activity with the teacher’s guidance every week. - The data key in website. 	<ul style="list-style-type: none"> -We have our own water monitoring kid and always used to do the monitoring activity.

9. Teaching strategies or pedagogies used for teaching values in the school

We have integrated and implemented green school in Moral lesson and English Language lesson by providing text about environment and carry on Think Pair Share method. Whereby the students learn to speak English by speaking English. Moreover they are often eager to share their ideas in about environment knowledge with their peers. This strategy gives all students the opportunity to practice English by explaining environment concepts and provide students with time to write a response to a thought provoking question, then additional time to discuss it with their neighbor before sharing their conclusion with the class. This technique increases student participation and involvement, and is a particularly effective way of encouraging students to express environment knowledge in English.

Then, we also integrated in science lesson by carry on hands on science project for example tree planting in year 2 lesson. So, provide a space for students to reconnect to the ecology around them. Meanwhile, recycle, reuse and reduce in year 4 lesson. Students learn about material reuse by designing and building the strongest and tallest towers they can, using only recycled materials. They

follow design constraints and build their towers to withstand earthquake and high wind simulations.

Besides that, we also integrated it in Art and Kemahiran Hidup lesson. Whereby the students will bring the recycle materials and create innovative products which useful for daily life. Besides that, they also create their own recycle bin for the school. So this activity provides opportunities for students to exchange, write, and present ideas. Beside that they use variety of skills that work together to increase understanding and retention.

Moreover, we also implement this programme into our co-curriculum such as Kelab Pencipta Alam Sekitar whereby students carry out some activities such as planting and maintenance of tree and hibiscus plant and create environmental garden of Orchid Garden. Thru this way, students will do their own research on which orchids are endangered, how to prevent and took care of it. The students also will learn on how to plant a hibiscus and do research with teacher guidance on how to hybrid the hibiscus plants instant of red colour flower. Next also carry out activities on collection of recycling items such as batteries. Thru this way they learnt that normal alkaline batteries are mainly disposed into landfill sites, which create significant toxic waste and environmental issues. As the battery casing corrodes, toxic metals such as mercury, cadmium and lead are released into the eco-system, giving rise to soil and water pollution, which may in the future cause serious health problems. So, the students they to protect the environment by collecting the batteries and be a role model to other schools that came to visit our school. Lastly, we carry out composting activities by students take turn to take care of composting activities and students will things that can be compost and gather it. They also use this compost soil as fertilizer to all plants in our schools. Thru this, students learn that composting converts nitrogen to a stable form and when added to soil, it provides organic matter, reduces potential for soil erosion, and reduces fertilizer requirements.

10. Programme monitoring and evaluation mechanisms and summary of results

Programme monitoring and evaluation mechanisms:

- Green school committee of S.J.K (T) Ringlet
- Gather suggestion from teachers to draw up action plans.
- Carried out review process
- Key in data in online

Summary of results:

We have designated students committee and teacher committee to evaluate and monitor all the programmes. We also supported by parents teachers committee to do the bench marking and monitoring the programmes. Nevertheless, visits from other school helps the school to enhance and improve the mechanism of the process.

11. Resources used for programme implementation

- a) Teachers come up with own programmes.
- b) Internet used for videos, songs and gather information.
- c) Books
- d) Regional Environmental Awareness Cameron Highlads (REACH)
- e) Malaysian Nature Society (MNS)
- f) Ipoh Orchid Club
- g) ENO School
- h) ECO School
- i) World Wide Fund (WWF)

12. List of partners, local government bodies, companies or development agencies who have participated in the planning and implementation, including their roles in the activity/programme.

Name of Partners	Roles or contributions
a) Majlis Daerah Cameron Hinghlands (MDCH)	Provide the land, donation and landscaping
b) Malaysian Nature Society (MNS)	Providing knowledge and camping
c) Regional Environmental Awareness Cameron Highlads (REACH)	Encourage the school in form of doing environment programme
d) ENO School	Providing knowledge
e) ECO School	Providing knowledge
f) World Wide Fund (WWF)	Providing knowledge
g) Ipoh Orchid Club	Supply the orchids and guide the students
h) ASTRO	Promoting

13. Benefits/Impacts/ positive outcomes of the activity/programme to teachers, students, parents and the community

Based on this programme outcome, the teachers had upgraded their teaching strategies and knowledge about the environment such as about types of orchids. Make the class more conducive and active learning by hands on project such as doing craft work using recycle, reduce and reuse and include planting activity in science lesson. Besides that, they also had upgraded their system of management.

Meanwhile, the students have the biggest impact by apply best practice not in school but in their daily life. This programme has encourage the networking among schools with ASEAN schools and improved in communication skill. This is due to many native speaker come from all over the countries. So the students do not feel afraid to talk them and have improved in their vocabulary too. They also are comfortable in an environment where they are asked to share their ideas. This positive and supportive environment has a significant influence on student comfort level, participation, and success. They also have developed their creative and innovative skills and gain a lot of knowledge. Besides that, they also have awareness on how to protect our environments.

Moreover, the parents are main role in our programme by providing donation after they get awareness about the environment and be more open minded. Since they have this awareness, so

they started to give lot of moral support to us.

Since we expose ourselves by planting trees and update our activities and programme in online, the local authorities and organizations such as NGO have expertise in many areas of environmental management and willing to cooperate with us. Local authorities provide us the composting bins. MNS provides us mangrove tree seedling and area to be plant. This is been our annual activities and we give some speech about environment to some schools. Moreover, the communities also get awareness by asking us to provide some plants to be plant in their schools.

14. Proof of achievement from students, teachers and the community

STUDENTS	TEACHERS
1. Won first place in battery collection competition organized by local NGO, REACH.	1. The best teacher presenter in ENO international conference Thailand, 2012.
2. The school is awarded with the most tree planted award.	2. Won Overseas trophy award in Taiwan International Orchid Show.

15. Plan for sustainability and plan for the future

Plan for sustainability:

All the programmes and activities which we are conducting now are long term projects. We also work together with other movements and NGO's so it helps us to sustain and develop the projects which we are doing now.

Plan for the future:

Biodiversity forest:

- We plan to develop the forest and open it to public for educational purpose.
- We plan to transform our reserve biodiversity centre to a recreational place where all the schools around the area can do their camping activity there.

Orchid conservation:

- We planned to do campaigns and road shows to give awareness to public about the extinction of rare orchids and preserve the plants.
- We also plan to promote the programme to other schools all around Cameron via various

Media.

Recycling Programme.

Plan to buy machines and kids to make paper out of used papers and make craft using those papers.

16. List of attachments such as a copy of the school plan, learning/ teaching materials, samples of student worksheet, manual, etc. If the attached materials are in the local language, please provide a brief description in English language.

Attachment 1) lesson plan of recycle, reduce and reuse.

Attachment 2) lesson plan on Recycled Tower

Attachment 3) Recycle Tower worksheet

Attachment 4) lesson plan on tree planting

Attachment 5) tree planting worksheet

17. Photos related to the activity/programme (Maximum of 10 photos with captions in English)

Photo1



Planted more than 300 trees in own biodiversity area.

Photo 2



Composting Bin

Photo 3



Photo 4



Planting Mangroves tree in Kuala Gula 2012

Photo 5



Planting Mangroves tree in Kuala Gula 2013

Photo 6



Planting Hibiscus plant in SMK Convent Taiping

Photo 7



Teachers plant the Hibiscus plant in SMK Convent Taiping