

# Partner for Quality Education



## Improving Quality of INSET & PRESET



**BB PP KD KC**



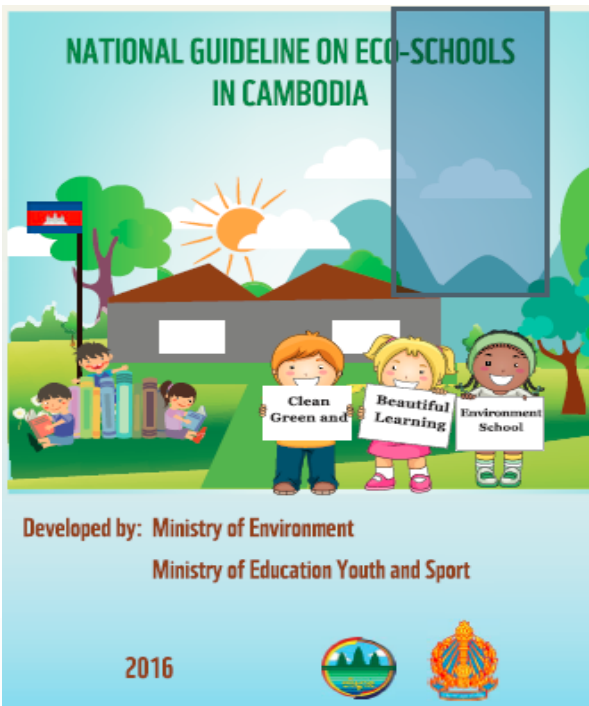
150 Teacher Trainers + Management in TECs



600 Model teachers + Principals in 23 practice schools



# Partner for Quality Education



Criteria 1	School Policies and Administration on Environment
Criteria 2	Teaching Modules and Learning Activities about Environment in schools and surrounding communities (extra curriculum or mainstreaming)
Criteria 3	Environmental Facilities and Practices
Criteria 4	Partnership and Community Outreach

## Eco-School Programme



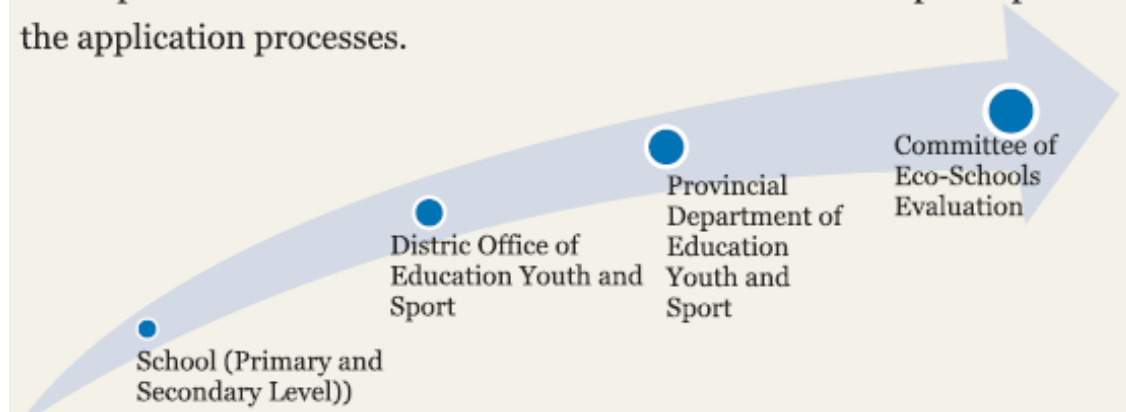
### 1. Competition

Cambodian Eco-schools Award will celebrate every two years starting from 2017 (see annex 3 for application form). The application starts from December to February, monitoring and evaluation from March to August, and Awarding Celebration in February or March based on the annual Ministry of Environment Congress.



## 2. Application Processes

Schools have to apply through District Offices of Education, Youth and Sport, then to the Provincial Departments of Education, Youth and Sport, and after that to the Technical Working Group for Eco-Schools (TWGES). These processes ensure sub-national authorities aware and participate in the application processes.



## Objectives

- ✓ Strengthening the mathematics education of (student) teachers
- ✓ Support teachers and teacher trainers to involve all students in their learning process
- ✓ Capacitate school leaders to manage their colleges & schools in a gender responsive and eco-friendly way



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- Eco-school handbook is being developed in consultation with the MoEYS and MoE.
- VVOB in collaboration with MoEYS and MoE organise trainings to TTD staff, TEC management teams, and school leadership of primary schools, school lecturers in charge of TEC environment, staff of Provincial Offices of Education and District Training and Monitoring Team (DTMT)

## Partner for quality education



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How can schools implement the eco-school programme?



Partner for Quality  
Education

**To support schools to become an Eco-school, VVOB with MoEYS & MoE developed a handbook and we provide training.**

**Aims:**

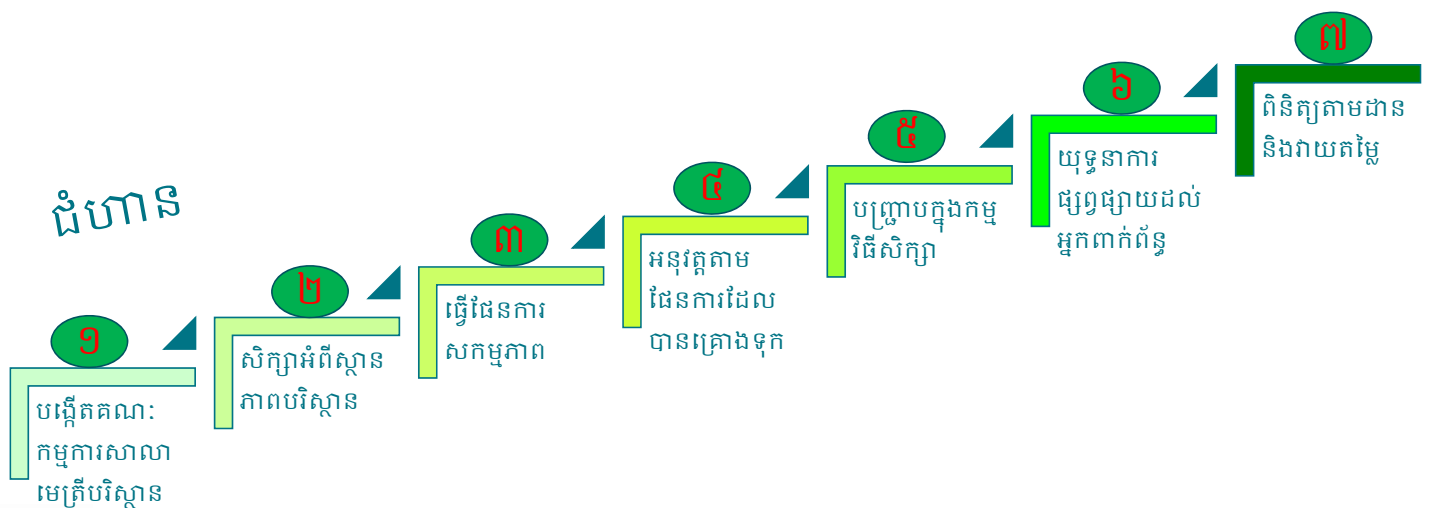
- Participants will gain better insight of Environmental Education (EE) including:
  - ✓ climate change
  - ✓ waste management
  - ✓ water and energy saving
  - ✓ personal hygiene
  - ✓ food safety
- Participants will learn how to transform their schools to become eco-friendly
- Participants receive customised support through field visits after the trainings



- Step 1: Establishing Eco-School Committee
- Step 2: Studying about Environmental Status of the school
- Step 3: Developing action plans
- Step 4: Implementing the planned actions
- Step 5: Curriculum mainstreaming
- Step 6: Stakeholder dissemination campaigns
- Step 7: Monitoring and evaluation

## កម្មវិធីសាលាមេត្រីបរិស្ថាន

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# 1. Eco-School Committee

- Direct and address all problems relevant to the Eco-School programme. This committee is the driving force of the programme and should ensure that all of the 7 steps are carried out.
- Give students responsibilities and make them recognise that their involvements are valued
- Ensure the sustainability of the Eco-School programme
- Link school, community, and local authority together



## Eco-School Committee

<b>1. Director</b>	<b>Chair</b>	<b>1 person</b>
<b>2. Deputy Director</b>	Vice chair	1 person
<b>3. School Support Committee</b>	Vice chair	2 persons
<b>4. Teacher Representatives &amp; school groundskeeper</b>	Member	6 persons
<b>5. Student Representatives</b>	Member	10 persons
<b>6. Parent or community representatives</b>	Member	2 persons

## 2: Studying about Environmental Status of the school

- **Aim**

- To study about environmental status of the school.
- To identify areas for improvement.
- To help students and the rest of the stakeholder understand the impacts.



## 3: Action Plan Development and implementation Aim

- To identify specific and realistic goals
- To develop action plans based on the priority
- To allocate budget, resources & responsible persons for implementing actions.

The Action Plan is the core of the Eco-School Programme. It indicates, details of actions, and specific timeframe. The Action Plan is our route planner, giving the finger details on how we aim to reach our destination. It should always be developed from the results of environmental and resource status study, be linked to curriculum work and displayed on the school notice board.

For Example:

- 50% reduction in wastes in 6 months
- 100% recycling of plastic cans and bottles in 10 months (for reuse or recycling)
- 10% reduction on electricity consumption, etc.



Do not be too ambitious at first as failure is very demotivating.



# Sample action plan

Plan			Do	Check	Act (adjust action and or timeline)		
Activity	Deadline	Budget				responsible person	Who + When?
Goal 1: Reduce the school landfill waste by 50% in 6 months							
Organise a technical meeting to train the school team on waste management and the importance/urgency. Assure lesson content on the impact of waste is included in the lesson plans for December	November	-	Deputy/grade leader who is a member of the eco-school committee	←	Eco-school committee member(s), at the end of the technical meeting (15 <sup>th</sup> November)	Lesson plans have been developed	n.a.
Teach about the impact of waste on the environment	December	-	Teachers, possibly with assistance of teachers that are members of the eco-school committee	←	Eco- school committee member, Thursday technical meeting 3 <sup>rd</sup> week November	Was not done in December due to flooding (and closure) of the school	Will be thought in January, monitor/check: Thursday meeting 3 <sup>rd</sup> week January
Design posters for the waste bin system to inform students and staff what materials goes to which bin and display them in the school	Last week of December January	\$27 for 18 sheets of thick A2 paper (to make posters) for all classes	Deputy/grade leader who is a member of the eco-school committee is resp. to distribute. Teachers to give the assignment to the students in their classes	←	Eco-school committee member, at the end of the technical meeting (end-December) (31 <sup>st</sup> January)	Inspiring posters have been made	n.a.



# Sample action plan

Plan			Do	Check	Act (adjust action and or timeline)		
Activity	Deadline	Budget				responsible person	Who + When?
Goal 1: Reduce the school landfill waste by 50% in 6 months							
Choose best 3 posters and award them with a place in notice/information board main hall!	2 <sup>nd</sup> January 1 <sup>st</sup> February	-	Eco- school committee	←	Eco- school committee (1 <sup>st</sup> January February)	Gr1- G3 and G4 have won	n.a.
Prepare proper landfills	1 <sup>st</sup> week December	\$100	Groundskeeper (member of the eco-school committee)	←	Eco-school committee member, during Eco-school committee meeting (Thursday) 2 <sup>nd</sup> week of December	Was not done, groundskeeper did not have appropriate garden tools.	Groundkeeper to buy garden tools and dig landfill in 3 <sup>rd</sup> week of December.
Contact and select companies to collect and transport wastes regularly	1 <sup>st</sup> week December		Eco-school Committee member to contact, and eco-school committee to select (and contract).	←	Eco-school committee member, during Eco-school committee meeting (Thursday) 2 <sup>nd</sup> week of December	... (names of the chosen companies)	n.a.



## 4: Implementing the planned actions

The Eco-School Committee shall follow the planned actions based on set timeframe and using resources effectively.

### Develop a School code with teachers and students:

- We put our waste in the waste bins;
- We are a plastic free school;
- We save papers and use both sides of papers;
- We turn off the light after use;
- We use water efficiently;
- Hygiene brings good health;
- Food safety is chemical free food and hygienic food.



The Eco-School Committee shall make the code in the form of a poem, rap, slogan and catchy acronym for everyone to follow. It is important that students feel they have had involvement in developing this code, so they will be responsible for it.

### School code:

- We put our waste in the waste bins;
- Plastic free school;
- We save papers and use both sides of papers;
- We turn off the light after use;
- We use water efficiently;
- Hygiene brings good health;
- Food safety is chemical free food and hygienic food.



## St George's Eco Code

- E**ncourage people to put litter in the bin.
- N**o wasting paper.
- V**oice your opinion with the school council.
- I**mproving our school grounds.
- R**emember to turn off the lights.
- O**nly use what you need.
- N**ow its your turn to help.
- M**ake use of recycling bags. 
- E**verybody needs to join in.
- N**ever give up.
- T**ogether we can make a difference.





- **Maths**

Ask pupils to measure level of plastic use in a classroom, a school, or a community.  
Provide real life situations on environmental impacts for mathematical analysis (graphs/charts)

- **Science**

Integrate environmental impacts on human health, animals, and plants and develop a scientific approach to problem solving  
Food safety and hygiene mainstreaming

- **Art**

Integrate environmental education and hygiene through painting, poems, songs, ...  
Perform arts relevant to the environment and health



- **Language**

- Teach pupils essay on the environment and health
- Ask pupils to write an essay on environmental impacts
- Organize group discussion to find solution of health and hygiene issues
- Promote communication skills

- **Home Economics**

- Examine where our food and textiles come from.
- Investigating ways of cooking and storing food hygienically and safely.

- **Wood work**

- Design and construct bins, signs, and other materials for school environment
- Recycle waste to create teaching materials.



## 7: Monitoring and evaluation

All members of the committee have regular meetings to monitor the progress and to address challenges that occur during implementation of these actions.

Students are the future and biggest population of the school should thus be involved in the monitoring and evaluation process as much as possible to give them a greater sense of ownership and make them to be responsible.

Monitoring and evaluation is vital for identifying successes and areas for improvement



## កម្មវិធីសាលាមេត្រីបរិស្ថាន

### ជំហានទី៧៖ ការត្រួតពិនិត្យតាមដាន និងវាយតម្លៃ

ឧទាហរណ៍៖



**ភ្លើងក្រហម៖** មានសំរាម/សំណល់ជាង២០ប្រភេទដែលបានរកឃើញក្នុងសាលារៀន

**ទឹកក្រូច៖** មានសំរាម/សំណល់ ពី៥ទៅ២០ប្រភេទដែលបានរកឃើញក្នុងសាលារៀន

**បៃតង៖** មានសំរាម/សំណល់តិចជាង ៥ ប្រភេទដែលបានរកឃើញក្នុងសាលារៀន



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