



Republic of the Philippines
Department of Education

07 FEB 2014

DepEd ORDER
No. 5, s. 2014

**IMPLEMENTING GUIDELINES ON THE INTEGRATION OF GULAYAN SA PAARALAN,
SOLID WASTE MANAGEMENT AND TREE PLANTING UNDER
THE NATIONAL GREENING PROGRAM (NGP)**

To: Undersecretaries
Assistant Secretaries
Bureau Directors
Directors of Services, Centers and Heads of Units
Regional Directors
Schools Division Superintendents
Heads, Public and Private Elementary and Secondary Schools
All Others Concerned

1. For efficient and effective implementation of the National Greening Program (NGP) pursuant to Section 5.2 of Executive Order (EO) No. 26, s. 2011 and DepEd Memorandum No. 58, s. 2011 entitled *Creating the Task Force on National Greening Program*, the Department of Education (DepEd) issues these guidelines to concretize directions in the implementation of the National Greening Program (NGP).
2. These guidelines integrate the *gulayan sa paaralan*, ecological solid waste management and tree growing and caring as key components to attain the goals of DepEd on poverty reduction, food security, biodiversity conservation and climate change mitigation and adaptation. All other programs and projects related therein shall be integrated under NGP.
3. The NGP shall be implemented in all public elementary and secondary schools nationwide by establishing vegetable gardens to serve as food basket/main source of commodities to sustain supplementary feeding, practice waste management principles such as minimization, segregation at source, reduction, recycling, re-use and composting, establish nurseries/seed banks for the propagation of vegetable seedlings, fruit-bearing trees and small trees or saplings, and support the tree planting activity in schools and in the communities. The detailed guidelines are contained in Enclosure No. 1.
4. The Regional NGP coordinators, *Edukasyong Pantahanan at Pangkabuhayan* (EPP), and Technology and Livelihood Education (TLE) supervisors, and school health personnel shall provide technical assistance to the division NGP coordination as well as monitor the implementation of the NGP.
5. The school heads shall take the lead in the implementation of NGP by integrating NGP in their School Improvement Plan (SIP), and in other co-curricular activities to ensure sustainability of the program. NGP shall also be included as one of the performance evaluation indicators among the teachers.

6. All regional directors (RDs) and schools division superintendents (SDSs) shall make sure that these guidelines are enforced and complied by the schools.

7. Expenses incurred for this purpose shall be charged to the regular Maintenance and Other Operating Expenses (MOOE), Special Education Fund (SEF), canteen proceeds, savings or donations, and shall become part of the regular budget of the school in the succeeding fiscal year.

8. This Order shall take effect immediately upon issuance.

10. Immediate dissemination of and strict compliance with this Order is directed.



BR. ARMIN A. LUISTRO FSC
Secretary

Encl.:

As stated

Reference:

DepEd Memorandum: (No. 58, s. 2011)

To be indicated in the Perpetual Index
under the following subjects:

ENVIRONMENTAL EDUCATION
POLICY
PROGRAMS
SCHOOLS

IMPLEMENTING GUIDELINES ON THE INTEGRATION OF GULAYAN SA PAARALAN, SOLID WASTE MANAGEMENT AND TREE PLANTING UNDER THE NATIONAL GREENING PROGRAM (NGP)

I. INTRODUCTION:

On February 2011, the President signed the Executive Order (EO) No. 26 entitled Implementation of the National Greening Program (NGP) as a government priority, which has five (5) major goals, namely, Poverty Reduction, Food Security, Biodiversity Conservation, and Climate Change Mitigation and Adaptation. In the EO, the roles of various agencies were stipulated to ensure that the deliverables are carried out efficiently in the next six years.

In support of the directive of the President, the Department of Education (DepEd) issued Memorandum No. 58, s. 2011 re: **“Creation of a Task Force on National Greening Program”** to lead in the planning and implementation of the NGP in DepEd.

Section I. Objectives:

The objectives of the National Greening Program are to:

- a. establish vegetable gardens to serve as food basket and ready source of vegetables to sustain supplementary feeding program;
- b. establish nurseries/seed banks to sustain seed requirement for different planting cycles as well as fruit bearing and forest tree saplings for the tree-planting activity;
- c. enhance the development of values among the learners by integrating curricula concepts in planting and eating vegetables, waste management and environmental protection, and land conservation, among others;
- d. coordinate with other agencies, NGOs, and private institutions relative to the program; and
- e. conduct monitoring and evaluation.

Section 2. Program Components:

For the implementation of NGP, DepEd realigns its programs by establishing Gulayan sa Paaralan, Waste Management and Tree Planting under the NGP as umbrella program. These components may be implemented simultaneously in schools or as a combination depending on the capacity of the school.

2.1. Gulayan sa Paaralan Project (GPP)

- 2.1.1. Each school shall establish a vegetable garden as a ready source of vegetables for their supplementary feeding.
- 2.1.2. A variety of vegetables must be propagated to address micronutrient deficiencies, such as protein-energy malnutrition, Vitamin A deficiency (VAD), Iron Deficiency Anemia (IDA) and Iodine Deficiency Disorder (IDD).

2.1.3. A nursery/seed bank shall be established in at least one school in every school district to serve as the center for propagation/production of vegetables and fruit-bearing and forest tree seedlings to sustain seedling requirements of other schools for the entire year. The establishment of nursery/seed bank will be done in collaboration with the local agriculture office for the provision of seeds.

2.1.4. Utilization of Garden Produce

Garden produce shall be used primarily for feeding in school. However, excess vegetables may be sold in the community as part of the school's income-generating project for the procurement of feeding ingredients, garden tools and other garden inputs.

2.1.5. Schools with limited spaces

Schools with limited spaces for planting and growing vegetables may use alternative gardening methods, such as hanging or containerized gardening using tires, empty bottles, recyclable/biodegradable brown plastic bags and so on.

Note: A separate memorandum with detailed guidelines on the Gulayan sa Paaralan Program (GPP) shall be issued.

2.2. Ecological Solid Waste Management

2.2.1. RA 9003 Solid Waste Management Act Implementing Rules and Regulations, Part 6, Rule 21, Section 2 enjoins the DepEd to aggressively incorporate ecological waste management in the school systems at all levels, emphasizing on the involvement of school administrators, teaching and non-teaching staff, and students in school wide and nearby community waste management actions.

2.2.2. Every school shall practice waste management principles, such as minimization, specifically resource conservation and recovery, segregation at source, reduction, recycling, re-use and composting, in order to promote environmental awareness and action among the students.

2.2.3. Integrate curricula waste management concepts pursuant to Republic Act R.A. 9512, entitled "An Act to Promote Environmental Education and for Other Purposes".

2.2.3.1. Conduct the following activities in schools:

- Enforce prohibition of littering and burning of wastes
- Institutionalize waste minimization measures and promote avoidance of single-use disposable products and packaging materials such as plastic bags, straws, spoons, forks and disposable laminated paper cups and plates.

- Encourage students to bring trash-free “baon” to school
- Establish aerobic or anaerobic system for processing biodegradable wastes
- Use recyclables (plastics, bottles, etc.) as seed beds in the nursery or garden
- School canteens shall use reusable food containers and avoid selling processed food wrapped in non-recyclable packaging, e.g. candies, cookies, biscuits, etc.
- During events and meetings, consumables, such as bottled water, coffee and sugar and creamer in sachets, should be avoided. Refillable dispensers should be used instead. Food caterers should use reusable food containers.
- Each school shall designate or assign an area as Materials Recovery Facility that will serve as storage area for:
 - discards that can still be repaired and reused, such as tables, desks and shelves
 - different recyclables, such as bottles, cans and plastic containers, which will be collected by a designated junkshop partner; and
 - temporary storage area for the school’s residuals (non-recyclable and non-biodegradable discards) such as used rags, rubber.
- Appoint a school representative to become a regular member of the Barangay Solid Waste Management Committee of its host barangay, as mandated in R.A. 9003.

2.3. Tree Growing and Caring

2.3.1. Tree growing shall be done preferably during the months of July to September and every year thereafter. However, this activity may be extended up to December, depending on the agreement of the Division NGP Task Force and the Provincial Environment and Natural Resources Offices (PENRO) and/or Community/City Environment and Natural Resources Offices (CENRO).

2.3.2. Only Grades V-VI and High School Students will be involved in the tree-growing activity. Students from Kinder to Grade IV and those not physically fit may do the following activities:

- watering the plants
- weeding
- waste segregation
- composting

2.4. **Planting site selection and development**

The region/division and schools may coordinate with the field officer in the preparation of the selected sites for planting and plantation establishment (DENR MC No. 2011). The following are the eligible areas for development.

- 2.4.1. Forestlands
- 2.4.2. Mangrove and protected areas
- 2.4.3. Ancestral domains
- 2.4.4. Civil and military reservations
- 2.4.5. Urban areas under the greening plan of the LGUs
- 2.4.6. Inactive and abandoned mine sites; and other suitable lands

2.5. **Participation of Students, Teachers and Non-Teaching personnel**

- 2.5.1. Pupils from Grades 5 to 6 and students from Grades 7 to 10 who are identified by the teachers and all teachers and non-teaching personnel shall plant a minimum of ten (10) seedlings per year inside the school premises and the community, as well as in areas identified by the Convergence Initiative (EO No. 26, Section 3, 3.1)
- 2.5.2. Students must present a parent's consent prior to the tree-planting activity
- 2.5.3. Student's shall not be allowed to participate in any tree-planting activity outside the municipality/city where they reside.
- 2.5.4. Teaching and non-teaching personnel shall plant at least 10 trees per year.

2.6. **Provision of Seedlings**

- 2.6.1. DENR and DA are mandated to provide seedlings to schools for the tree-planting activity
- 2.6.2. Elementary, Secondary and TechVoc Schools may produce seedlings to augment the seedlings from DENR and DA.
- 2.6.3. Agro-forest, fruit-bearing and indigenous trees/species shall be used to rehabilitate or restore degraded forest lands and protected areas/zones.

2.7. **Nursery establishment for production of seedlings/saplings**

- 2.7.1. Each school shall establish nurseries to sustain the requirements of seedlings/saplings for the tree-growing activity of the school.
- 2.7.2. Coordination with the Department of Agriculture and Bureau of Plant Industry may be done for the provision of planting materials and other farm inputs. This partnership is covered by the partnership between DepEd and DA under the "Agripinoy Gulayan Sa Paaralan".
- 2.7.3. Target for the production of seedlings/saplings
Each student is required to produce 25 forest tree or fruit-bearing saplings/seedlings in a year.

Section 3. Program Management and Supervision

- 3.1. The NGP Task Force headed by an Undersecretary shall be responsible for the over-all management and supervision of the program.
- 3.2. The Health and Nutrition Center shall act as the NGP Secretariat. This Office shall be responsible for the coordination of activities of the task force and for the consolidation of reports submitted from the field.
- 3.3. All regions and divisions shall designate NGP coordinators, who shall be responsible for the implementation, coordination, monitoring and submission of required reports.
- 3.4. NGP coordinators shall coordinate with the regional and division DRRMO and Head of the Health and Nutrition Units/Sections in the conduct of the NGP activities.

Section 4. Monitoring and Evaluation

4.1. Monitoring

The regional NGP coordinators shall conduct monitoring and provide technical assistance to the divisions once every quarter or as needed.

The division NGP coordinators shall conduct monitoring and provide technical assistance to schools once a month or as needed.

4.2. Reporting of Accomplishments

Submission of accomplishments shall be integrated in the EBEIS. The online reporting system shall take effect this SY 2014-2015.

- 4.3. Search on the Most Outstanding NGP Implementor shall be conducted every year.

Section 5. Funding

Funds for this purpose shall be obtained from the regular MOOE, SEF, canteen proceeds, savings or donations and shall become part of the regular budget of the school in the succeeding fiscal year.