

PROJECT VEGGIES



INNOVATION: PROJECT VEGGIES

Vertical Garden Gains Intervention on El Nino Shocks

Title: Water Conservation through Vertical and Urban Gardening

I. Situation

El Nino is a natural phenomenon that occurs in our planet that brought devastating effects on agriculture. Experts have difficulty of knowing what are the real cause and how to prevent it. Drought is one of the tremendous effect brought to us.

Water conservation, using water efficiently and avoiding waste, is essential to ensure that we have adequate water today and to the future. Water is a finite resource and the supplies on Earth today are no more than what was here at the beginning of the planet. It is up to all of us to use wisely the water we have, and it is as simple as each of us making small changes. Make conserving water a daily part of your life. And remember when you save water, you save energy and money!

Gardening consumes a lot of water. In our little way to help the world, we teach the children how to conserve water by creating a project through recycling plastic bottles to be used as pots.

II. Statement of the Research Problem:

General Objectives:

To minimize water use in vertical and urban gardening.

Specific Questions:

1. What are the ways to conserve water in Gulayan sa Paaralan?
2. It Is possible to produce vegetation in a limited space ?
3. Is vertical gardening an effective way in plant propagation

III. Alternative Solution

1. Vertical and urban gardening are possible ways to conserve water in Gulayan sa Paaralan of Payao Elementary School.
2. Engaging in vertical and urban gardening are effective way to produce vegetable in alimited space.
3. Utilizing empty plastic bottles, used sacks, cans, are effective way in plant propagation.

IV. Plan of Action

A. Objectives

1. To identify possible space for plant laboratory suited to vertical and urban gardening.
2. To find possible pupils to be trained in making this research successful.
3. Gather necessary materials for this plan of action.
4. Implement this as soon as possible.

B. Time Frame May 2017– April 2018

- April – site scanning and preparation.
- May – March Actual Implementation

 Conduct basic lecture

- ✚ Provide necessary materials
- ✚ Plant ,propagate and harvest

C. Targets Subjects:

- Volunteers
- Parents
- Teachers
- Community

D. Activities to be undertaken

Target Subjects	Persons Involved	Actions	Expected Results
Grade IV - VI pupils Parents, Teachers, Community	Principal, EPP Teachers Parents Pupils Brigada Volunteers	1. Conduct lecture	1. Identification of ways to conserve Water.
		2. Gather materials	
		3. Planting	
		4. Harvesting	2. Identification of
		5. Replanting	Plants suited to
			container
			gardening
			3. Plant propagation
			4. Distribution of
			vegetable species
			to parents

E. Evaluation Criteria

1. Saves a lot of water in maintaining a school garden.
2. Pupils learned different ways in conserving water.
3. Propagate plants through urban and vertical gardening

F. Methodology

1. Identifying ways in conserving water.
2. Identifying places materials suited for urban and vertical gardening.
3. Training pupils to used recyclable materials for gardening.

Actual Implementation of the Project.

I. IMPLEMENTATION

The project was successfully implemented.

2. CONCLUSION

Project VEGGIES was a breakthrough to solve water conservation and plant propagation in limited space.

3. REFLECTION

Planting vegetables in limited space and without much water is possible. No amount of energy nor waste materials are misused with a productive mind. Like the use of vertical gardening, utilization of such useless materials are made useful.

