

PART I: Details of Your School

1. Name of your school: Carolina National High School
2. Full address: Carolina, Naga City, Philippines
3. Postcode: 4400
4. Country: Philippines
5. Telephone number (country code+city code+telephone number): 063+09183748580
6. Fax number (country code+city code+fax number): none
7. Name of the Head Master/ Principal/ School Director: Nida L. Eborá
8. Name of Teacher Coordinator: Orencio M. Chavez
9. Email address: ningsabio@yahoo.com
10. School website (if available): none
11. Educational level (Such as Kindergarten 1 to Grade/Year 9): Grade7 to Grade 10
12. Number of teachers in your school: 27
13. Number of students in your school: 827
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) Orencio M. Chavez
- b) Rick M. Ruizo
- c) Luningning M. Sabio

Students:

- a) Lyka Alcayaga
- b) Aziel Andal
- c) Trixia May Toralde

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

1. Title of the school's programme

Values Integration on Environmental Sustainability through NARRA GERMINATION 2016

2. Summary of the programme

We believe that positive values should be taught during the early age of an individual. These are the years where they are in school and having their basic education. Values education is a vital role in teaching environmental sustainability especially this time that the climate change and global warming is now an issue and a very serious one. Our school craft a six years program wherein we taught environmental protection preservation and conservation not in a normal classroom situation but by exposing the students in the actual problem and having them involve in the solution.

The program integrate values education on environmental sustainability by germinating, planting, caring and monitoring the growth of Narra Trees(*Pterocarpus Indicus*). Our school having more than 10 matured Narra trees (*Pterocarpus Indicus*) bearing thousands of seeds every year work out to use this seeds for germination. The programs covers the germination of Narra seeds up to its replanting process and growing. Using our students as our work force to implement the said program and telling them that they are doing that to contribute solutions to problem on climate change and environmental protection.

Our students become aware that every Narra seeds they planted, germinated and replanted to become a full grown tree will provide solution to the problem on climate change and global warming. The program started last school year 2010-2011. It is on this fourth year now that we have already made seedling of Narra Trees. We are the only school in the city and in the region germinated thousands of Narra seedlings and able to provide seedlings to those group of environmental enthusiasts for their tree planting activities. It also becomes an incoming generating project of the school, wherein those individuals or organization who acquire seedlings gave us donation that supports other school programs and projects.

We have a monthly tree planting activity in our community and the nearby barangays and municipalities. We believe our environment needs to be taken care of, be cleansed and be properly maintained of its verdant color. This is one way of giving immediate solutions to the problems faced by our Mother Earth nowadays. Our school and the students develops value of saving the environment through these program

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

Pursuant to the President of the Philippines Executive Order No. 26, 2011, "Declaring the Impementation of the National Greening Program". It is a program of the government wherein 1.5 billion trees should be planted covering about 1.5 million hectares for the period of 6 six years from 2011 to 2016. The Department of Education is one of the partner agencies in its implementation. Our school through all the orders and memoranda, we think of possible ways to implement the said program. One of the core areas of this plan is tree planting which can strongly help to mitigate climate change and global warming.

The Narra trees in our school bearing more than thousands of seeds every year were germinated and planted. The teachers and students were involved in the program and through the process we become aware and we value of saving our environment.

4. School vision, mission and core values

School Vision: By 2016, Carolina National High School is a performing institution producing God- loving and value- oriented persons.

School Mission : Carolina National High commits to provide quality basic education accessible to all through proper implementation of Basic Education Curriculum (BEC) and 2010 Secondary Education Curriculum (SEC) committed and dedicated personnel, active and supportive stakeholders, sufficient learning materials and innovative teaching strategies.

School Core Values : We believe in HONESTY.....that all members of Carolina National High School will show HONESTY in whatever actions they will perform. That everyone would achieve excellence in different endeavor. This leads in coming out of a true leader in us.

We believe in EQUAL OPPORTUNITY....that all members of Carolina National High School will be just, fair and equitable opportunities for all.

We believe in PROFESSIONALISM.... That all members of Carolina National High School will act professionally, easily adopt to challenges and thereby accept task and responsibilities without any reservations.

5. Objectives/goals of the programme

- Support the National Greening Program of the government.
- Integrate values education for environmental sustainability
- Promote Physical Fitness and Recreational Program of the individual.
- Develop partnership to all government and private intities.
- Acquire funds for school improvement of Carolina National High School.

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

- Become awareness of the climate change and global warming.
- Think of possible solution to climate change and global warming
- Develop the ability to care for the environment.
- Maintain a sustainable environment for the community.

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

The program covers for six (6) years that started from school year 2010-2011 until school year 2015-2016.

8. Activities (Actions and strategies of implementation)

Dates	Activity/ Strategies	Persons Involved
July 2010	Conceptualization of the project <ul style="list-style-type: none"> • Making of project proposal • Organizing the group • Planning • Conduct feasibility study 	Mrs. Nida Eborá-Principal Mr. Orencio Chavez-NGP Coordinator Mr. Rick Ruizo-SSG Adviser Ms. Luningning M. Sabio-Science Teacher
August 2010	Start of the Project <ul style="list-style-type: none"> • Students was oriented about the plan • Picking up of Narra Seeds • Planting of Narra Seeds 	Mr. Orencio Chavez CNHS Students
November 2010	Transplanting of the Seedlings in a Polyethelene bags	Mr. Orencio Chavez CNHS Students
February 2011	Planning for the tree planting activity	Mrs. Nida Eborá-Principal

	<ul style="list-style-type: none"> • Send communication • Visiting the site 	Mr. Orencio Chavez-NGP Coordinator Mr. Rick Ruizo-SSG Adviser Ms. Luningning M. Sabio-Science Teacher
March 2011	Tree Planting Activity (Around the School Site)	All Members of CNHS Barangay Officials Deped Officials
June 2011	Reorientation of the project	Mr. Orencio Chavez CNHS Students All Teachers
July 2011	Maintenance and Rehabilitation of the School Nursery	Mr. Orencio Chavez CNHS Students All Teachers
August 2011	Tree Planting Activity(Outside of the School Perimeter) <ul style="list-style-type: none"> • Fund Raising Activity 	Mr. Orencio Chavez CNHS Students All Teachers
October 2011	Planning for a division wide tree planting activity	Mrs. Nida Eborá-Principal Mr. Orencio Chavez-NGP Coordinator Mr. Rick Ruizo-SSG Adviser Ms. Luningning M. Sabio-Science Teacher
November 2011	Hosting of the division wide tree planting activity	Mrs. Nida Eborá-Principal Mr. Orencio Chavez-NGP Coordinator Mr. Rick Ruizo-SSG Adviser Ms. Luningning M. Sabio-Science Teacher LGU DEPED Officials All Schools in Naga City
March 2012	Tree Planting Activity for the Graduating Students	Mr. Orencio Chavez CNHS 4th year Students All Teachers
June 2012	Reorientation of the project	Mr. Orencio Chavez CNHS Students All Teachers
June 2012	Tree Planting Activity to support the PNOY 1B trees project	Mr. Orencio Chavez CNHS Students All Teachers
July 2012	Tree Planting Activity to support the PNOY 1B trees project	Mr. Orencio Chavez CNHS Students All Teachers
August 2012- January 2013	Germination Stage	Mr. Orencio Chavez CNHS Students
February 2013	Information Drive to other schools on tree planting	Mr. Orencio Chavez Ms. Luningning Sabio
March 2013	Tree Planting Activity of Garduating Students	Mr. Orencio Chavez-NGP Coordinator Mr. Rick Ruizo-SSG Adviser Ms. Luningning M. Sabio-Science Teacher CNHS Students
June 2013	Reorientation of the project	Mr. Orencio Chavez CNHS Students All Teachers
July 2013	First wave of tree planting Activity	Mr. Orencio Chavez-NGP Coordinator Mr. Rick Ruizo-SSG Adviser

		Ms. Luningning M. Sabio-Science Teacher CNHS Students
August 2013- January 2014	Germination Stage	Mr. Orencio Chavez CNHS Students
February 2014	Information Drive to other schools on tree planting	Mr. Orencio Chavez Ms. Luningning Sabio
March 2014	Tree Planting Activity of Garduating Students	Mr. Orencio Chavez-NGP Coordinator Mr. Rick Ruizo-SSG Adviser Ms. Luningning M. Sabio-Science Teacher CNHS Students
June 2014	Reorientation of the project	Mr. Orencio Chavez CNHS Students All Teachers
July 2014	First wave of tree planting Activity	Mr. Orencio Chavez-NGP Coordinator Mr. Rick Ruizo-SSG Adviser Ms. Luningning M. Sabio-Science Teacher CNHS Students
August 2014- January 2015	Germination Stage	Mr. Orencio Chavez CNHS Students
February 2015	Information Drive to other schools on tree planting	Mr. Orencio Chavez Ms. Luningning Sabio
March 2015	Tree Planting Activity of Garduating Students	Mr. Orencio Chavez-NGP Coordinator Mr. Rick Ruizo-SSG Adviser Ms. Luningning M. Sabio-Science Teacher CNHS Students
June 2015	Reorientation of the project	Mr. Orencio Chavez CNHS Students All Teachers
July 2015	Planning for the Evaluation of the Program	Mrs. Nida Ebora-Principal Mr. Orencio Chavez-NGP Coordinator Mr. Rick Ruizo-SSG Adviser Ms. Luningning M. Sabio-Science Teacher
August 2015- December 2015	Evaluation of the program	
February 2016	Presentation of the results of the evaluation	Mrs. Nida Ebora-Principal Mr. Orencio Chavez-NGP Coordinator Mr. Rick Ruizo-SSG Adviser Ms. Luningning M. Sabio-Science Teacher

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

We use the learning by doing strategies students become aware of the values we want to impart through involving them in the activities. They are the one involve in the implementation of the program which make them aware of the problem and the solution to the problem.

10. Programme monitoring and evaluation mechanisms and summary of results

- Program Monitoring and Evaluation Mechanism
 - A. Recording the number of trees germinated
 - B. Recording the number of trees planted
 - C. Recording the number of trees alive
 - D. Recording the height of the trees

- Summary of Results

School Year	Trees Germinated	Trees Planted	Trees Alive	Average Height of the Trees
2010-2011	5 000	2800	1 670	7 feet
2011-2012	10 000	8 567	7 890	5 feet
2012-2013	10 000	7 672	6 189	4 feet
2013-2014	10 000	2 643	1 890	1 foot
2014-2015				
2015-2016				

11. Resources used for programme implementation

Our program started with zero resources. We just used the Narra seeds found in our school ground from the Narra Trees we have . We use a small area in our school backyard for germination. After they made germinated we use recycled plastic for replanting.Until this time we never spent a centavo for the program, so that students become aware that even without money programs can be implemented and it save the environment.

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) Division of City Schools	They permitted us to implement the program in our school
b) Local Government of Naga City	They help us in providing technical support through the City Environment and Natural Office (CENRO) and the Naga City School Board (NCSB)
c)DENR	They provide additional information on germination process.
d)Barangay Council of Carolina, Pacol,Panicuason, Cararayan, Sibao and Siembre	They support the project implementation
e) Peñafrancia Resort	They provide area for tree palnting
f) All Public Schools in Naga City	They help us implement the project.
g) Congressman Dato Arroyo	They supported the project
h) Naga City Amateur Swimming Team	They supported the project.
i)Philippine National Police	They supported the project.
j)Philippine Army	They supported the project.
k)RR Prades Construction	They supported the project.

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

- They become aware of saving the environment through tree planting.
- They themselves plant trees every month in their homes.
- They appreciate the importance of trees to minimize global warming and climate change.
- They enjoy the fresh and pollutant free campus.
- They develop the value of planting trees.

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

- Our campus is now a tree green campus with most number of trees planted in the entire division
- We are the only school who sponsored a division wide tree planting activity.

Department of Education
Region V
DIVISION OF CITY SCHOOLS
Naga City

MEMORANDUM

TO: **School Heads/Principal**
Public /Private Elementary and Secondary Schools

FROM: **DIOSDADO M. SAN ATONIO**
Director III
OIC, Office of the Schools Division Superintendent

SUBJECT: **Conference of National Greening Program School Coordinators/Focal Persons**

DATE: October 7, 2011

Please advise designated School NGP Coordinators/Focal persons to attend a conference at Alternative Learning System (ALS) Building on **October 12, 2011 at 4:00 pm.**

Orientation of the implementation of the National Greening Program of the Naga City Division hosted by Carolina National High School entitled "**LAKADAN TA, PA-ISAROG**" (Lakaw Dalagan saka Tanom Pasiring sa Mouth Isarog) Fun run, Tree planting, Rest and Recreational Activities on November 12, 2011.

Immediate dissemination of the memorandum is desired.

September 28, 2011

MR. DIOSDADO M. SAN ANTONIO
Director III
Office of the Schools Division Superintendent
Officer-in-Charge
City of Naga

Dear Sir:

Greetings!

Our environment needs to be taken cared of, be cleansed and be properly maintained of its verdant color. This is one way of giving immediate solutions to the problems faced by our Mother Earth nowadays. Relative to the National Greening Program where tree planting is one of the government priority in mitigating climate change and global warming.

The Carolina National High School, City of Naga would like to conduct an out door activity dubbed as **LAKADAN TA, PA - ISAROG** (Lakaw, Dalagan saka Tanom Pasiring Mount Isarog) **fun run/walk, tree planting, Rest and Recreational activities** on **November 12, 2011** at Barangay Carolina to Panicuason, Naga City. We firmly believe that this **simple step** would greatly help not only **Mount Isarog** but the entire community/city as well.

This is a **Fund raising activity** for the school improvement. Expected participants are the students, teachers, parents, employees, environmentalists and fun run enthusiasts. There shall be a registration Fee of P50.00 per participant for non-competing and P300.00 for competing athlete.

In this connection may I submit this project proposal to your good office and to implement the said activity. Please encourage and invite the DEPED-Naga community to partake in this endeavor. Participants should bring their own seedlings to be planted in the venue/finish line at the foot of Mount ISAROG.

Hoping that our desire to help for the betterment of our environment may once more be shared to the community as well as be felt by the students who are the main contributors in this endeavor.

Sincerely,

Recommending Approval :

ORENCIO M. CHAVEZ
Proponent

NIDA L. EBORA
School Principal

Approved:

DIOSDADO M. SAN ANTONIO
Director III
Office of the Schools Division Superintendent
Officer-in-Charge

September 28, 2011

HON. JOHN G. BONGAT
City Mayor
Naga City

Dear Sir:

Greetings!

Our environment needs to be taken cared of, be cleansed and be properly maintained of its verdant color. This is one way of giving immediate solutions to the problems faced by our Mother Earth nowadays. Relative to the National Greening Program where tree planting is one of the government priority in mitigating climate change and global warming.

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This is a **Fund raising activity** for the school improvement. Expected participants are the students, teachers, parents, employees, environmentalists and all fun run enthusiasts in the city. There shall be a registration Fee of P50.00 per participant for non-competing and P300.00 for competing athlete.

In this connection may we request your good office to be a major partner in the said activity. Please encourage and invite the your staff, employees, barangay officials and the community to partake in this endeavor. Participants should bring their own seedlings to be planted in the venue/finish line at the foot of Mount ISAROG.

Hoping that our desire to help for the betterment of our environment may once more be shared to the community as well as be felt by the students who are the main contributors in this endeavor.

Sincerely,

Noted by:

ORENCIO M. CHAVEZ
Event Coordinator

NIDA L. EBORA
School Principal

Recommending approval:

Approved:

DIOSDADO M. SAN ANTONIO
Director III
OIC, Office of the Schools Division Superintendent

HON. JOHN G. BONGAT
City Mayor

15. Plan for sustainability and plan for the future

- Plan of Sustainability
 1. Conduct orientation and reorientation of the program to the teacher, students and the community.
 2. Monitor the trees planted .
 3. Conduct advocacy campaign and information drive on environmental protection
- Plan for the future
 1. Construct a concrete seedling bank.

2. Teach the community on how these project becomes an income generating
 3. Develop the awareness the values on environmental protection.
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- Narra Germination 2016 Plan

NARRA GERMINATION 2016

Overview

Pursuant to Executive Order No. 26, 2011, “Declaring the Impementation of the National Greening Program” wherein the Department of Education is one of the partner agencies in its implementation. Our school through all the orders and memoranda, we think of possible ways to implement the said program. One of the core areas of this plan is tree planting which can strongly help to mitigate climate change and global warming. We would like to contribute to the 1.5 billion trees covering about 1.5 million hectares for the perion of 6 six years from 2011 to 2016.

Our school having 10 matured Narra trees (*Pterocarpus Indicus*) bearing thousands of seeds every year work out to use this seeds for germination. The Plan covers the germination of Narra seeds up to its replanting process. Using our students as our work force to implement the said plan and having collaborated to all stakeholders in the community up to the local government units. We hope that our civic duty and awareness to lessen climate change and global warming be fulfilled.

Objective

1. Support the National Greening Program of the government.
2. Sustain the Disaster Risk Reduction Management Program
3. Promote Physical Fitness and Recreational Program of the individual.
4. Develop partnership to all government and private intitities.
5. Acquire funds for school improvement of Carolina National High School.

Narra Germination Program

Every year the school plan to germinate 10 000 seedlings of Narra Trees. The plan involves all the members of the CNHS. The germinated seeds will be used in the tree planting activities of the school. It is the goal of the school to build a seedling bank of Narra trees to those who would like to plant Narra trees in their homes or even in the community. It is used for an income generating project to raise funds to support school activities. The school also planned to encourage environmentalists to support the program from all stakehodors.

Narra Germination Process

Narra Trees (*Pterocarpus Indicus*) have their flowers bloom from the month of January to March. They have small bunches of yellow flowers. After that blooming stage it will start to bear seeds. The seeds start with a green pods and matured into brown for four months. When it becomes a full grown seeds, it will just fall from the tree.

The germination started by picking up those matured seeds and placing that in a seed beds. The seeds is planted in a vertical position. After three months the seedlings will be replanted in a polythethelene bag. It takes again another three months for the seedlings to be ready for replanting.



This is one of our Matured Narra Trees inside the campus.



These are the full-grown Narra Seeds.



The Narra Seed Beds





Acoomplishments From School Year 2010-2012

Dates	Activity	Persons Involved	Remarks
School Year 2010-2011			
July 2010	Conceptualization of the project <ul style="list-style-type: none"> • Making of project proposal • Organizing the group • Planning • Conduct feasibility study 	Mrs. Nida Eborra-Principal Mr. Orencio Chavez-NGP Coordinator Mr. Rick Ruizo-SSG Adviser Ms. Luningning M. Sabio-Science Teacher	
August 2010	Start of the Project <ul style="list-style-type: none"> • Students was oriented about the plan • Picking up of Narra Seeds • Planting of Narra Seeds 	Mr. Orencio Chavez CNHS Students	
November 2010	Transplanting of the Seedlings in a Polyethelene bags	Mr. Orencio Chavez CNHS Students	
February 2011	Planning for the tree planting activity	Mrs. Nida Eborra-Principal Mr. Orencio Chavez-NGP Coordinator	

	<ul style="list-style-type: none"> • Send communication • Visiting the site 	Mr. Rick Ruizo-SSG Adviser Ms. Luningning M. Sabio-Science Teacher	
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July 2012	Tree Planting Activity to support the PNOY 1B trees project	Mr. Orencio Chavez CNHS Students All Teachers	
August 2012	Germination Stage	Mr. Orencio Chavez CNHS Students	

To date this program have generated more EIGHTY THOUSAND PESOS (Php 80,000.00) which supported various school programs and projects, used to purchased some school equipment and help in improving the school facilities.

Prepared by :

Orencio M. Chavez
NGP Coordinator

Noted by :

NIDA L. EBORA
Prinipal

Attachment 2- The divisionwide tree planting activity

DepED
DEPARTMENT OF EDUCATION

Naga Smiles
to the world

See Meet Invest Live Experience Study

CAROLINA NATIONAL HIGH SCHOOL

LAKADAN TA, PA – ISAROG

(Lakaw Dalagan saka Tanom Pasiring Mount Isarog)

*“Believe that Simple Step
Can Save Mount Isarog
and the Entire Community”*

**FUN RUN, TREE PLANTING,
REST AND RECREATIONAL ACTIVITIES
of NAGUEÑOS AND BICOLANOS**

**November 12, 2011 (6:00 a.m.)
Carolina to Panicuason, Naga City**

For Particulars, Please Contact:

**Coach Renz M. Chavez
475-4160 or 09282032498**

Registration Fee: Students	P20.00
Professionals	P50.00

Proceeds: For the School Improvement of Carolina National High School

Attachment 3 – Powerpoint presentation of the division tree planting activity.

Attachment 4 – Powerpoint on the National Greening Program on our school.

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



This is the Narra Germination Seedling Bank



These are the Narra seeds for germination



The students check the germinated Narra Seeds



The student started the transplanting



The first wave of tree planting activity for the school year 2013-2014



The Schools Division Superintendent Diosdado San Antonio shows in the tree planting activity



The division office staff when they visited our seedling bank



The first tree planting activity we have last March 2011



LAKADAN TA PA ISAROG – a division wide tree planting activity



Tree planting activity with the students