



DYNAMIC LEARNING PROGRAM (DLP)

DR. LORNA E. RANCES, Ph. D. CESO VI
Schools Division Superintendent
Division of Bohol

I. Background:

Public secondary schools in Bohol face a dilemma of having low achievement test results alongside with other performance indicators such as participation rate, cohort survival rate, completion rate and drop-out rate for quite a time already similar to that of the whole country. Table 1 below shows that for the past five years, National Achievement Test Results of all secondary school students in the country are quite far from the planning standard of 75%. Of the five learning areas tested, none got a mean performance score higher than 60% or meeting the desired standard set. Similarly, the test results of the public secondary students in Bohol are identical as shown in Table 2.

Table 1 (Whole Country NAT Results)

NAT Results	SCHOOL YEAR				
	2005-2006 (Y-4)	2006-2007 (Y-2)	2007-2008 (Y-2)	2008-2009 (Y-2)	2009-2010 (Y-2)
Over-all Achievement Rate	44.33%	46.64%	49.26%	46.71%	45.56%
Mathematics	47.82%	39.05%	42.85%	38.03%	39.64%
Science	37.98%	41.99%	46.71%	42.11%	43.80%
English	47.73%	51.78%	53.46%	52.90%	46.95%
Filipino	40.51%	48.89%	47.64%	51.05%	58.08%
Araling Panlipunan	47.62%	51.48%	55.63%	49.44%	39.32%

Table 2 (Bohol NAT Results)

NAT Results	SCHOOL YEAR			
	2006-2007 (Y-2)	2007-2008 (Y-2)	2008-2009 (Y-2)	2009-2010 (Y-2)
Over-all Achievement Rate	50.58%	51.29%	49.50%	48.11%

Realities informed us that the vicious cycle of poverty, lack of quality human and physical resources and low quality education are the obvious reasons of the current status of our educational system particularly in the secondary level. Moreover, we are facing with the new pedagogical perspectives like; the brains of the new generation of learners are wired differently, information now are readily accessible to learners and worldwide, we

lack qualified teachers to teach Science, Technology, English and Mathematics. Based on observations, teachers tend to use more often the lecture method that fosters passive learning and dependency on teacher abilities. Thus, when Dr. Christopher Bernido and Dr. Ma. Victoria Bernido introduced the Dynamic Learning Program; both political and educational leaders in the province did not hesitate to embrace the idea of adopting and implementing the program immediately this SY 2011-2012.

II. Description

Dynamic Learning Program (DLP) is a program centered on activity based multi-domain learning that requires students to work independently, to discover and understand the lesson on their own by reading the concept notes and by doing the exercises before the lesson is discussed and explained. After about forty-minute exercises, the teacher starts discussing the lesson. It is only during this time that the students are encouraged to ask questions to help them further understand the lesson. The idea is that, students learn more by doing rather than by merely listening. The students are not given any assignment for them to work at home giving them ample time to rest and to spend time with their family members especially on a weekend. All activities are done in school, facilitated and supervised by the teacher making sure that all activities are done by the students themselves. Parents on the other hand are very much guided on every detail of the activities through the portfolios of the students.

The pedagogical maxims of DLP are as follows:

1. **Learning by doing.** *For science and math, students need to think with their own minds and work with their own hands.*
2. **Sound fundamentals.** *Virtuoso levels are reached only by being well-grounded in the fundamentals.*
3. **Mastery not vanity.** *Simple problems completely and clearly solved have greater educational value than advanced problems sloppily analyzed with forced final answers.*
4. **Adaptability.** *An educational program must be adaptive because no two learning situations are ever completely alike.*
5. **Honesty.** *Cheating is unscientific. Fraudulent data invalidate evaluation and assessment.*

III. Strategy

a. Pre-Implementation Phase

	Date	Activity/Agenda	Person/s Involved
1	Dec. 20, 2010	<p>First Meeting</p> <ol style="list-style-type: none"> 1. Presentation of the Dynamic Learning Program by Dr. Chris and Marivic Bernido to include the objectives, research findings and implementation mechanism. 2. Gov. Edgar Chatto showed interest to adopt the program in all public secondary schools in Bohol. 3. Open forum was conducted to address issues on the adoption and implementation of the program, management and financial concerns. 4. Next steps 	Dr. Chris Bernido Dr. Marivic Bernido Dr. Cerina Bolos Mrs. Wilfreda Bongalos Engr. Hermenilda Gracio Mrs. Casiana Caberte Mrs. Elizabeth Castolo Ms. Debra Sabuero Mr. Rodrigo Almedilla
2	Jan. 19, 2011	<p>Second Meeting</p> <p>Planning on how to go about the adoption and implementation of the DLP</p> <p>Output: Schedule/Calendar of Activities</p> <ul style="list-style-type: none"> - Advocacy - Workshop on the Preparation of Class Program - Series of Writeshop 	Dr. Chris Bernido Dr. Marivic Bernido Dr. Lorna Rances Dr. Cerina Bolos Mrs. Wilfreda Bongalos Engr. Hermenilda Gracio Mrs. Casiana Caberte Mrs. Elizabeth Castolo Ms. Debra Sabuero
3	Jan. 24, 2011	<p>Orientation of the DLP to the Division Subject Area Supervisors/Coordinators; Selected PSDSs, Selected Secondary School Principals</p> <p>Output: Agreement on how to proceed with the adoption and implementation of the DLP</p>	Dr. Chris Bernido Dr. Marivic Bernido Dr. Lorna Rances Mrs. Wilfreda Bongalos Engr. Hermenilda Gracio Mrs. Casiana Caberte Mrs. Elizabeth Castolo Ms. Debra Sabuero

	Date	Activity/Agenda	Person/s Involved
4	Jan. 27, 2011	Orientation of the DLP to all Public Secondary School Heads Outputs: <ul style="list-style-type: none"> - List of DLP Writers (LR Guides) - Class Program 	Dr. Chris Bernido Dr. Marivic Bernido Mrs. Wilfreda Bongalos Engr. Hermenilda Gracio Mrs. Casiana Caberte Mrs. Elizabeth Castolo Ms. Debra Sabuero
5	Feb. 7-8, 2011 Feb. 14-15, 2011	Orientation of the DLP to Writers Writershop 1 : DLP – Learning Resource Guide/Subject Area	Education Supervisors/Division Subject Area Coordinators Writers
6	March 17, 2011	First Phase Review and Critiquing of DLP Activity Guides Output: <ul style="list-style-type: none"> - Improved some DLP Activity Guides - Schedule for series of review, critiquing and enhancement of the DLP Activity Guides 	Mrs. Wilfreda Bongalos Engr. Hermenilda Gracio Mrs. Casiana Caberte Mrs. Elizabeth Castolo Ms. Debra Sabuero Education Supervisors/Division Subject Area Coordinators Writers
7	March – April, 2011	Series of review, critiquing and enhancement of DLP Guides	Education Supervisors/Division Subject Area Coordinators Writers
8	April 25, 2011	FINALIZATION OF THE DLP ACTIVITY GUIDES FOR EDITING BY THE DIVISION SUBJECT AREA SUPERVISORS	

b. Implementation Phase

	Date	Activity/Agenda	Person/s Involved
1	April 26-28, 2011	Training Workshop on Learning Physics as One Nation	Dr. Chris Bernido Dr. Marivic Bernido 164 Physics Teachers Engr. Hermenilda Gracio Mrs. Casiana Caberte Mrs. Elizabeth Castolo Ms. Debra Sabuero
2	May 11-14, 2011	DLP Writers' Conference in Preparation for the Simulation Workshop	Mrs. Wilfreda Bongalos Division Subject Area Supervisors: English- Mrs. Tarsicia Quilatan Math- Mrs. Casiana Caberte Science- Engr. Herminilda Gracio Filipino- Mrs. Rosa Tan AP- Mr. Roberto Balagulan MAPEH- Mr. Agapio Agad Values Ed-Mr. Magencio Celis TLE- Dr. Grace Mendez
3	May 17-20, 2011	Simulation Workshop	Mrs. Wilfreda Bongalos Division Subject Area Supervisors: English- Mrs. Tarsicia Quilatan Math- Mrs. Casiana Caberte Science- Engr. Herminilda Gracio Filipino- Mrs. Rosa Tan AP- Mr. Roberto Balagulan MAPEH- Mr. Agapio Agad Values Ed-Mr. Magencio Celis TLE- Dr. Grace Mendez Subject Area Writers
4	June 3, 2011	DLP Launching	DepED Officials Provincial Gov't. Officials Chris Bernido Dr. Marivic Bernido Public Secondary School Teachers of Bohol MLGU/BLGU Officials PTA Officials

IV. Budget Estimate

Part 1: Training Workshop on Learning Physics as One Nation (LPON)

Total No. of Public Physics Teachers @ 1 Teacher/school: **139 (Bohol) + 7 (Tagbilaran) = 146**

Item	Number	Unit Cost	Total Cost
Resource Package			
Physics Essentials DVD (PEDVD) 18 volumes	146	PhP 200.00/vol	PhP 525,600.00
PNRI – VCD	146	PhP 150.00/copy	PhP 21,900.00
Physics Essentials Portfolio (PEP)	146	PhP 450.00/copy	PhP 65,700.00
Sub-Total			PhP 613,200.00
Training Workshop			
Food and Accommodation of Participants (Live-in 3 days)	146	PhP 1,300/pax/day	PhP 569,400.00
Food and Accommodation of the Resource Persons + 8 Subject Area Supervisors(Live-in 3 days)	10	PhP 1,300/pax/day	PhP 39,000.00
Honorarium to RPs	2	PhP 5,000/pax/day	PhP 30,000.00
Sub-Total			PhP 638,400.00
Other training materials	146	P200/pax	PhP 29,200.00
Food and accommodation of the training staff	6	PhP 1,300/pax/day	PhP 7,800.00
Contingency Fund			PhP 30,000.00
Grand Total			PhP1,318,600.00

Part 2: Development of the Teaching-Learning Packages in English, Science, Mathematics, Filipino, Araling Panlipunan, MAPEH, TLE and Values Education

Activity	Participants	Item	Unit Cost	Total Cost
Writeshop (One day/learning area in 4 days)	<ul style="list-style-type: none"> ✓ 56 writers in Y-4 (2 writers per subject area/year level) ✓ 64 writers in Y-3 (2 writers per subject area/year level) ✓ 64 writers in Y-2 (2 writers per subject area/year level) ✓ 64 writers in Y-1 (2 writers per subject area/year level) ✓ 8 Education Supervisors/ Division Coordinators ✓ 2 Resource Persons <p>Total: 248 pax</p>	Food and accommodation of participants and resource persons	P200.00/pax /day	P 198,400.00
Honorarium of the Resource Persons	Resource Persons (Dr. Chris and Dr. Marivic Bernido)		P 300/hr/day	P 19,200.00
TOTAL				P 217,600.00

Part 3: Reproduction of Teaching-Learning Packages for the 153 Public Secondary Schools of Bohol and 7 Secondary Schools of Tagbilaran City)

Teaching – Learning Packages	Quantity	Unit Cost	Total Cost
Quarter 1 Package for all learning areas	139 schools	P 25.00/package	P 3,475.00
Quarter 2 Package for all learning areas	139 schools	P 25.00/package	P 3,475.00
Quarter 3 Package for all learning areas	139 schools	P 25.00/package	P 3,475.00
Quarter 4 Package for all learning areas	139 schools	P 25.00/package	P 3,475.00
TOTAL			Php 13,900.00

Part 4: Launching of the Dynamic Learning Program

Activity	Participants	Item	Unit Cost	Total Cost
Launching Program	1,700 SSTs 139 School Heads 54 PSDS 30 Division Staff 5 Guests TOTAL: 1,928	Food of the participants	80/pax	P 154,240.00
		Venue		P 3,500.00
TOTAL				P 157,740.00

SUMMARY

Part 1: Training Workshop on Learning Physics as One Nation	PhP 1,318,600.00
Part 2: Development of the Teaching-Learning Packages	PhP 217,600.00
Part 3: Reproduction of the Packages Developed	PhP 13,900.00
Part 4: Launching of the Dynamic Learning Program	PhP 157,740.00
GRAND TOTAL	<u>PhP 1,707,840.00</u>

V. Division Implementation Team

Team Leader: Wilfreda D. Bongalos
OIC-ASDS, Secondary Schools In-charge

Members:

- 1. Tarcisia Quilatan (Education Supervisor for Secondary English)**
- 2. Magencio Celis (Education Supervisor for Values Education)**
- 3. Herminilda Gracio (Division Coordinator for Secondary Science)**
- 4. Casiana Caberte (Division Coordinator for Secondary Mathematics)**
- 5. Rosa Tan (Division Coordinator for Secondary Filipino)**
- 6. Roberto Balagulan (Division Coordinator for Secondary Araling Panlipunan)**
- 7. Agapio Agad (Division Coordinator for MAPEH)**
- 8. Grace Mendez (Division Coordinator for Secondary TLE)**