

## **PROGRAM OVERVIEW**

The In-Visible School Feeding Program is a project of the In-Visible Organisation of the United Kingdom with the support of the Ateneo Center for Educational Development (ACED) that aims to provide daily lunch meals for 130 school days to 700 student beneficiaries of Holy Spirit Elementary School (HSES) in Quezon City. On its second year of implementation, seven hundred student beneficiaries (700) were selected to participate in the program. Of the 700, 411 beneficiaries from the previous year were given priority, 232 malnourished students from Grade 1 to 5, 30 Special Education (SPED) students and 27 grade 1 non reader students participated.

Apart from the feeding program, the In-visible Organisation and ACED partnered with several organizations in the Philippines to organize supplementary activities for the beneficiaries to motivate them to participate actively in the feeding program. In partnership with GABAY, a student based organization in Ateneo De Manila University, a tutorial course was organized with 50 grade 5 and 6 students. The tutorial program is a two year course which aims to help students enhance their Math and English skills. The program was held every Saturday which started in September 2015. The Performing Arts Cluster (PAC) of Ateneo de Manila University facilitated a performing arts workshop for 105 student beneficiaries. The workshop includes singing and dancing which were held in four consecutive Saturday of April 2016.

HSES, through its new leadership, Mrs. Zenaida Mallillin continued its support by providing assistance to all the activities of the feeding program. The school still allowed the use of its facilities for feeding program related activities, such as the use of Home Economics room as the kitchen for the feeding program, meeting rooms and covered courts for trainings and orientation. A teacher feeding coordinator continuously worked hand in hand with the ACED Feeding staff to coordinate all feeding program related activities and concerns.

Several challenges were encountered during the implementation. Low beneficiary attendance remains to be a challenge. Due to the poor attendance, getting complete data for the calculation of BMI became a challenge as well. Encouraging more parents to volunteer in the daily operations would help in making the daily tasks more efficient. A functional hand washing facility should be set up to teach the students proper hand washing before and after eating meals.

## ABOUT THE SCHOOL AND BENEFICIARIES

Currently, HSES has a total enrollment of 5,905. Of this, 700 students were officially selected to take part in the program. This consist of the 411 student beneficiaries who participated in the previous year feeding program and 289 pupils from Grade s 1 to Grade 5 classified as severely wasted and wasted based on the Body Mass Index (BMI). The 107 beneficiaries were accommodated based on the teacher's recommendation with the intent to fill in for the absentees who were unable to attend the feeding for various reasons.

**Table 1: School Enrollment per Grade Level**

<b>Grade Level</b>	<b>F</b>	<b>M</b>	<b>Total</b>
Grade I	501	568	<b>1069</b>
Grade II	555	652	<b>1207</b>
Grade III	583	662	<b>1245</b>
Grade IV	575	654	<b>1229</b>
Grade V	533	574	<b>1107</b>
SPED	<b>21</b>	<b>27</b>	<b>48</b>

**Table 2: Number of Beneficiaries per Grade Level**

	<b>Grade 1</b>		<b>Grade 2</b>		<b>Grade 3</b>		<b>Grade 4</b>		<b>Grade 5</b>		<b>TOTAL</b>
	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	
<b>Normal</b>	0	0	62	58	30	0	16	18	17	22	<b>223</b>
<b>Wasted</b>	12	22	44	35	31	31	49	32	44	39	<b>339</b>
<b>Severely Wasted</b>	6	3	20	4	16	5	17	7	5	14	<b>97</b>
<b>Others</b>	3	4	24	18	29	51	4	5	6	4	<b>148</b>
<b>TOTAL</b>	<b>21</b>	<b>29</b>	<b>150</b>	<b>115</b>	<b>106</b>	<b>87</b>	<b>86</b>	<b>62</b>	<b>72</b>	<b>79</b>	<b>807</b>

## IMPLEMENTATION OF THE IN-VISIBLE FEEDING PROGRAM

The first feeding day started on August 3, 2015. Before the program started, preparatory activities were conducted. The Local Government Unit of Quezon City through the City Health Office and Sanitation Division conducted an ocular inspection to check on the kitchen facilities to ensure compliance to the local sanitation and regulation.

Various trainings and orientation were conducted to equip the stakeholders with the necessary information relevant to the feeding program. Meetings with the school principal and teacher feeding coordinators were held to discuss about the program plans and activities for the school year.

Training on Food Safety and Sanitation were given last August 1, 2015 to selected parent volunteers to equip them with proper knowledge and skills in handling food. They were given health certificates upon completion of the said training.

Orientation with the parent beneficiaries was conducted to discuss the objectives of the feeding program and its importance to help improve their child's nutrition and health. Recruitment of kitchen volunteers followed after the orientation. Eighty three (83) parents initially signed up and expressed their willingness volunteer in the program.

A kick off ceremony was organized on August 11, 2015 to grace the program.

The home economics building remained to be the central kitchen and the feeding area for selected students. Grades 4 and 5 student beneficiaries come to the kitchen to eat during feeding time while meals of grades 1 and 2 student beneficiaries are delivered to their respective classrooms. Lunch meals are packed individually in plastic containers and are served to the student beneficiaries after having their attendance checked. When beneficiaries are absent, lunch meals are offered as second servings to those present, to the kitchen volunteers and to their children who are not part of the feeding program.

The daily kitchen operation schedule proceeds as follows:

**Table 3: Daily Kitchen Operation Schedule**

5:00 am -5:30 am	Receiving of Deliveries (Fresh Produce)
5:30 am - 7:30 am	Cooking of Rice
6;00 am - 6:15 am	Arrival of Volunteers in the Kitchen
6:15 am - 6:30 am	Orientation and Tasking
6:30 am - 9:30 am	Preparation and cooking of Viand
9:30 am -10:30 am	Packing of Food
11;00 am -12:30 pm	Feeding
12:30 pm - 3:00 pm	Kitchen Clean up

#### MONITORING OF THE FEEDING PROGRAM

The feeding program is monitored and evaluated based on the student's body mass index and attendance records. Efficiency of the kitchen operations were also evaluated through kitchen observation, audit and interview or feedback.

#### Student's Body Mass Index (BMI)

Baseline data for the students were taken last June 2014 and the results were used to record the nutritional status of the 411 student beneficiaries from last year and to select the 289 beneficiaries. Data gathering was again done in October and in February to determine the changes in the BMI of the student beneficiaries.

**Table 4: Nutritional Status Information**

**N= 807**

BMI	JUNE		OCTOBER		FEBRUARY	
	Male	Female	Male	Female	Male	Female
Severely Wasted	64	33	34	16	61	33
Wasted	180	159	112	107	125	99
Normal	125	98	197	186	220	218
Others	66	82	92	63	29	22
<b>Subtotal</b>	<b>435</b>	<b>372</b>	<b>435</b>	<b>372</b>	<b>435</b>	<b>372</b>

Based on the data presented in Table 4, of the 807 student beneficiaries monitored in terms of the BMI, there was a slight improvement on the numbers among the 'severely wasted' category on the male student beneficiaries while the number of 'severely wasted' among the female beneficiaries did not change at the end of the school year. On the other hand, it was notable that there was a significant decrease in the number of 'wasted' beneficiaries both male and female and significant increase in the number of 'normal' category.

The BMI information of the 408 student beneficiaries who participated in the previous was also obtained separately to assess the changes in the BMI having participated in the program for two years. Data during the year end BMI of SY 2014-2015, baseline and year end data for SY 2015-2016 were obtained.

**Table 5: Nutritional Status Information**

**N=408**

BMI	Mar-15	Jun-15	Mar-16
Severely Wasted	20	34	47
Wasted	84	97	81
Normal	188	191	211
No/Inc Data	116	86	69

Data shows that between the months of March 2015 to June 2015, the number of *severely wasted* student beneficiaries increased by 70% and became even higher by the end of the SY 2015-2016 by 38%. On the *wasted* category, a slight increase in number between the months of March 2015 and June 2015 was noted by and a slight decrease in number was seen by the end of SY 2015-2016. Increase in the normal category was consistently noted.

## Attendance Records

For Grades 1 to Grades 3, the class advisers or the teacher feeding coordinators note the attendance of the student beneficiaries' everyday while attendance of Grades 4 and Grade 5 are checked by the assigned parent kitchen volunteers. These reports are consolidated monthly by the ACED personnel.

**Table 6: Average Daily Attendance of Beneficiaries per Month**

	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		SPED	Amber	TOTAL
	M	F	M	F	M	F	M	F	M	F	M/F	M/F	
<b>August</b>	12	14	88	72	57	51	52	39	47	56	34		<b>522</b>
<b>September</b>	13	15	91	80	54	52	52	42	44	54	30		<b>527</b>
<b>October</b>	11	15	85	74	45	46	43	41	39	50	29		<b>478</b>
<b>November</b>	10	13	80	68	38	41	43	41	35	43	27	18	<b>457</b>
<b>December</b>	7	6	71	65	35	38	40	39	32	40	25	16	<b>414</b>
<b>January</b>	5	11	76	63	29	32	37	32	30	37	29	19	<b>400</b>
<b>February</b>	6	11	74	66	28	32	35	28	27	30	30	20	<b>387</b>
<b>March</b>	5	11	73	71	31	35	35	31	26	28	29	22	<b>397</b>

The highest number of attendance recorded was in the first two months of the program implementation and started to dropped in the succeeding months. Table 7 below shows the frequency of attendance of the student beneficiaries per grade level. Of the 807 student beneficiaries, only 470 students managed to participate half of the required number of feeding days, while 234 students were able to attend 99 feeding days.

**Table 7: Frequency of Attendance**

GRADE	Attended at least once	>= 15% or 20 days	>= 25% or 33 days	>= 50% or 66 days	>= 75% or 99 Days
<b>I</b>	50	37	36	22	10
<b>II</b>	265	239	224	172	82
<b>III</b>	193	143	124	78	37
<b>IV</b>	148	132	121	89	36
<b>V</b>	151	125	114	84	44
<b>SPED</b>	48	25	25	25	25
<b>TOTAL</b>	<b>855</b>	<b>701</b>	<b>644</b>	<b>470</b>	<b>234</b>

## Kitchen Operations

Last November 2015, an audit was conducted to check if proper procedures are implemented across all areas in the kitchen operation such as personal hygiene of kitchen personnel, food preparation, food storage, equipment and utensils and waste disposal. Overall, the kitchen adheres to the standard procedures of the feeding program but personal hygiene of the kitchen personnel must be observed at all times.

In an interview with the classroom advisers and teacher coordinators, they were asked about their experience in the feeding program. Overall, they were pleased with the program saying that it is a privilege to have this kind of program in their school where children get to eat nutritious food.

## Inventory of Kitchen Equipment and Supplies

An inventory of kitchen equipment was made last March 2016 as part of the kitchen procedures. Please refer to Annex A for the inventory.

## COMMUNITY INVOLVEMENT

The program encourages the involvement of the different stakeholders in its different activities. They serve as valuable resource of the program in helping achieving its program goals and objectives.

## Grade Level Feeding Coordinators

Each grade level assigned one teacher feeding to coordinate and oversee the implementation in school.

Overall Feeding Coordinator: Mrs. Salvacion C. Cañares  
Grade 1: Ms. Joyce A. Baccangen  
Grade 2: Ms. Erlinda G. Lomeda

Grade 3: Ms. Rosemarie A. Vargas  
Grade 4: Ms. Joana Irene L. Repalda  
Grade 5: Mrs. Slavacion C. Cañares  
SPED: Mrs. Remedios P. Dones

## Parent Kitchen Volunteers

During the orientation, 83 parents expressed their interest to volunteer in the kitchen. Of this, 63 parents showed up at least once, 42 parents showed up at least five times, 33 parents showed up thirty times, 20 parents showed up at least sixty seven times and 12 parent volunteers who showed over one hundred days in the kitchen. The average daily attendance of parent kitchen volunteers is showed in the table below:

**Table 8: Average Daily Attendance of KVs**

<b>Month</b>	<b>KV's</b>
August	25
September	23
October	22
November	25
December	31
January	20

February	20
March	19

### GABAY Erya Formation Program (GEFP)

The GEFP is a two year tutorial course for Grades 5 and Grades 6 that aims to help elementary school students enhance their Math and English Skills. This school year, 52 students were selected to take part in the program. These are the students who got the highest score in the pre test conducted for Math and English. The tutorial sessions were conducted every Saturday of each month which started last September 2015. At the end of each semester, students were brought to Ateneo de Manila University to participate in special sessions organized by Gabay.

Of the 50 participants, 40 students attended the tutorial program regularly. Of these almost all the students showed improvement in math and English scores based on the report given by the school.

Category (Grades in Math)	Total
Increased	34
Decreased	2
Maintain	4
Missing Data	0

Category (Grades in English)	Total
Increased	35
Decreased	2
Maintain	3
Missing data	0

### Ateneo de Manila Performing Arts Cluster (PAC)

Last summer, 62 students from Kinder to Grade 6 participated in the summer workshops on performing arts organized by PAC. The workshops were held in 4 consecutive Saturdays where fundamentals of dance and music were taught.



## ACED Thanks Giving Party

Thanks giving party was organized by ACED last December 2015 to recognize the valuable participation of the parent volunteers and teacher feeding coordinators. There were 45 parents and 6 teacher feeding coordinators participated. Through the generous contribution of private donors, token of appreciation were given to the parents for the support that they have given to the program.



## PROJECT COST

Below is the summary of expenses incurred by the program for SY 2015-2016. The average daily cost per child in the In-Visible Feeding Program amounted to Php 12.15 for SY 2015-2016. Please refer to Annex B for the daily expenditure of ingredients and kitchen supplies.

### SUMMARY OF EXPENSES

Budget Item	Total
Rice	142,450.00
Chicken	229,546.30
Vegetables	307,866.25
Groceries	146,268.34
Tinapa	7,980.00
Chocolate	4,057.50
Dilis	4,803.00
LPG	19,040.00
Transportation	16,658.45



Daily cleaning supplies	14,322.45
Food of volunteers	33,947.30
Drinking water	2,275.00
Salary (July 2015 - March 2016)	105,396.00
<b>Sub total</b>	<b>1,034,610.59</b>
Equipment (cooking utensils, lunch boxes, hairnets, etc.)	32,626.00
<b>Sub total</b>	<b>32,626.00</b>
GABAY	17,416.75
Summer activity	3,749.74
<b>Sub total</b>	<b>21,166.49</b>
<b>TOTAL</b>	<b>1,088,403.08</b>

### Issues and Concerns

1. The attendance of the student beneficiaries remained a challenge. During the interview with the classroom advisers, they cited that children are usually absent from school due to illnesses, family situation. There are also students simply refused to eat the vegetables and the parents' refuses to allow their children to join the program. According to them the parents cannot accept that their child is malnourished.
2. Obtaining complete data of the student beneficiaries became a challenge due to absences during the BMI data gathering.
3. Adherence to the rules such as wearing hairnets should be observed in the kitchen.
4. There is no functional hand washing facility where children can wash their hands before and after meals.
5. Sustaining the participation of parent volunteers remained a challenge.

### Plans and Recommendations

1. Parent volunteer recruitment and orientation programs will be enhanced to encourage more parents to volunteer in the kitchen. Also, improvement of the tasks and schedule in the kitchen should be done to allow more parents to take part in the daily operations.

2. Closely coordinate with the classroom advisers regarding the participation rate of their students so they can personally inform their parents.
3. Repair work will be prioritized before the start of the next feeding program cycle. Installation of window screen, grease trap and ceiling fans shall be made.
4. Monitoring of the program has to be strengthened to ensure that the systems and procedures characteristic of ACED feeding programs are followed strictly. This means that the assigned ACED staff will be required to visit the schools periodically and accomplish the required monitoring and evaluation tools.

## ANNEX A: In-visible Feeding Program Kitchen Inventory

	ITEM	QUANTITY (pieces, unless otherwise indicated)			
		23-Mar-15	14-Aug-15	30-Mar-16	
1	aprons (new)	20			
2	aprons (used)	26			
	a. black	12	26	37	
	b. assorted colors	14	11	10	
3	hairnets	8			
4	Goodmorning towels	16	31	26	
5	plastic measuring pitchers (500ml)	4	4	4	
6	plastic measuring pitcher (1liter)	1	1	1	
7	plastic measuring pitcher (2liters)	1	2	2	
8	weighing scale (bathroom)	1	2	2	
9	food crates	8	18	18	
10	pot holders (used)	2	4	2	2 defective
11	pot holders (new)	2			
12	kaldero	5	5	5	
13	stockpot/vessel	4	4	4	
14	kalan	4	4	4	1 defective
15	kawa	1	1	1	
16	chopping board	10			
	a. blue	6	6	6	
	b. white	4	4	4	
17	timba (big)	1	1	1	
18	timba (small)	3	3	3	
19	tabo (stainless) - 2 liters	1	1	1	
20	tabo (plastic)	3	3	3	
21	drum /water container	1	1	2	
22	mop	1	2		1 defective
23	food tong	1	1	1	
24	soup scooper	2	2	2	
25	sandok w/ long wooden handle	5 (2 defective)	6	5	6 defective
26	strainer w/ long wooden handle	1	1		2 defective
27	aluminum palanggana (big)	4	4	4	
28	aluminum palanggana (small)	4	4	4	

29	palanggana plastic (small)	2	2		2 defective
30	food strainer (stainless) colander	4	4	4	
31	food strainer (plastic) colander	2	2	2	
32	mortar and pestle	2	1	2	
33	grater	1	1	1	
34	butcher knife	2	2	2	
35	knives (long)	4	4	3	1 defective
36	knives (short)	2	2	2	
37	scissors	2	2	1	1 defective
38	can openers	5	7	5	2 defective
39	peelers	9 (3 defective)	7	5	2 defective
40	hasaan	1	1	1	
41	refrigerator/freezer	1	1	1	
42	lighter	2 (1 defective)	1	3	
43	thermos	1	1	1	
44	rice scoop (stainless)	1	1	1	
45	measuring cups (stainless)	2 sets (all defective)	2	2 sets	
46	plastic cups for serving rice	2	2	2	
47	long tables (brown)	3	3	3	
48	wooden bar stools	3	3	3	
49	dust pan	2	2	1	1 defective
50	<b>spoons</b>	<b>440</b>	1140	981	142 defective
51	forks (used)	44	99	74	19 defective
52	forks (new)	55			
53	lunch boxes	483	767	739	28 defective
54	fire extinguisher	1	1	1	
55	First Aid Kit	1	1	1	
56	pushcart			1	
57	funnel for oil			1	
58	Cold/Hot Water dispenser			1	
59	plastic containers (large with wheels)			3	
60	plastic containers (medium)			2	
61	plastic containers (small)			3	
62	ceramic plates (round)			45	

63	ceramic plates (oval)			49	
64	ceramic coffee mugs				all broken
65	soft broom			1	worn out
66	stick broom			1	worn out