



**2017 BOOKMOBILE, SAND CASTLE LIBRARY AND SCIENCE FRIDAY!
EXECUTIVE SUMMARY**

BOOKMOBILES – LIBRARIANS AND READING SPECIALISTS REPORTS

LIBRARIANS’ REPORTS - TOTALS

- Visited schools from February through September 2017, plus 3 weeks in October collecting books.
- Served 29 public primary schools and 2 private schools owned by donors to PIER

Total student visits 13,249, averaging 1,472/cycle
 # Total books loaned..... 18,257

BY REGION

Roatan Bookmobile Librarian: Sayra Barrios

Cycles 9 scheduled, 7 operational for loaning books
 # Schools Served 15 public, 2 private
 # Total Student Visits to Bookmobile 7,594
 # Students Served per cycle..... High of 1,303; average 1,029 (data excludes 2 months when bookmobile out of service)
 # Books Loaned 11,280

Santos Guardiola Bookmobile Librarian: Kelvin Dilbert

Cycles 9
 # Schools Served 14 public
 # Total Student Visits to Bookmobiles ... 5,655
 # Students Served per cycle..... High of 888; average 628
 # Books Loaned 6,982

READING SPECIALISTS REPORTS – TOTALS

- Visited schools nine (9) times from February through September 2017, plus 3 weeks in October collecting books.
- Served 29 public primary schools and 2 private schools owned by donors to PIER
- Schools with large student populations were visited 2-3 times each cycle

Cycles 9
 # Schools Served 29 public, 2 private schools
 Total Presentations 1,440 (average of 160 presentations per cycle)
 Total Students 20,297 with average 2,255 per cycle
 # Teachers / Classes served 156

BY REGION

Roatan Education Specialist: Lindberg Valladares

Cycles 9 (7 with bookmobile, 2 working from scooter)
 # Schools Served 15 public, 2 private schools
 Total Presentations 925 (average of 103 presentations per cycle)

Total Students 11,366 with average 1,263 per cycle
Teachers/Classes Served 71

Santos Guardiola Education Specialist: Bredgeth Dilbert
Cycles 9
Schools Served 14 public schools
Total Presentations 515 (average of 57 per cycle)
Total Students 9,749 with average 1,083 per cycle
Teachers/Classes Served 85

RESULTS: BOOKMOBILE & STORY-IN-A-BAG SCHOOL SURVEYS

97% of teachers stated that the programs:

- Helped improve students' reading comprehension
- Math & science lessons were helpful to students
- 96% requested: more visits, more times in classrooms, more math, more books

TEACHERS' COMMENTS:

1: Important for children

- Because this objective is "BIG". Critical for children to love of reading, to open their minds to the new world through books. Your excellent donation is bearing fruit. --Liliana Herrera, Toribio Bustillo, Grades 1, 4, & 5
- The Project is a great help to the schools. It motivates the students to read through the bookmobile and the classes. --Cecilia Dilbert, CEB Modelo, Grade 1
- This project in the area of Spanish, reading, and writing provides the students with imagination and comprehension of reading. --Indira Moradel, Arnaldo Auld, Grade 5
- To be able to continue this great work in the schools and the children love it, they receive it with great happiness. --??
- This program is a program of major magnitude for the students. It helps to bring reading into the home and is very creative. --Kenia Y. Marin, Rosabella McKenzie, Grade 5
- This is used in many centers and it helps the children, which we know is the most important thing in our world, learning different stories. Is very useful in different areas. --Hugo Fuentes, Rosabella McKenzie, Grade 6
- This is used in many centers and it helps the children, which we know is the most important thing in our world, learning different stories. Is very useful in different areas. --Hugo Fuentes, Rosabella McKenzie, Grade 6
- Very important to the education of youth. --Dalila C. Lucas, CEB Jose Santos Guardiola, Grade 6
- It is a part of the education for children and the base of success. --Maria T. Romas, Marco A. Soto, Grade

2: Provides needed services

- Provides materials and ideas we do not possess. --???
- Provides interesting books, but we need more in Spanish. --Luz Mannu Nunez, Juan Brooks, Grade 5
- Because its help is most valuable for schools with no libraries. --Gissela Herreera, Toribio Bustillo, Grades 2, 3, 6
- Because the community has many problems and the schools have many needs. --Danely Arriola, Pedro Nufio, Grades 1 & 4

3: Results related to achievement

- Because the results are significant. --Modesta Canales P, Marco A. Soto, Grade 3
- This is an excellent project that is novel for the children; the presentations help children learn. --Yesmin Calix, Dionisio de Herrera, Grade 1
- To be able to help to achieve major competencies in our education. It is a project very important to our schools. --Marlon Valle Canales, Froylan Turcios, Grade 4

4: Competent Staff

- I personally recognize the hard work, dedication and experience of the Bookmobile teachers working in the field and with the student population to be able to live, and experience the magic of reading. The children and youth need this grand benefit. --Kenia J. Alvarado, CEB Modelo, Grade 6

- It is important to continue because the program is very good and the staff is very qualified. --Eric Rivera, Ruben Barahona, Grade 5
- It is much help to the teachers as well as the students, and has much teaching/learning for us. --Judy Mishany Sanchez, Rosabella McKenzie, Grade 4
- Clearly excellent work. --Irma Isela Alvarez, Abel Caballero, Grade 4

SAND CASTLE LIBRARY / SCIENCE FRIDAY! Librarian: Errol Velasquez (note: 6 MONTHS DATA only)

Visits2,231
 # Individuals visiting.....291
 # Females152
 # Males.....139
 Ages represented3 – 18, some adults
 Grades representedK – 12

Primary Services:

- Homework Help
- Computer Research and Gaming
- Reading in Library
- Books checked out
- Science Friday!

SCIENCE FRIDAY!

In addition to the traditional library services, Sand Castle Library runs a morning and afternoon STEAM-school based program on Fridays. Regular Sand Castle Library users, as well as classes from local private schools, participated in the program. Session group sizes varied from 6 to 30 with 60 students arriving one morning from a local public school! While attendance records are incomplete, we had 140 students participating in a total of 329 visits during five of the six months the program operated. Participation was evenly divided by male and female students.

SCIENCE & TECHNOLOGY THEMES

Atoms, molecules, states of matter, simple machines (wedges, pulley, inclined planes, wheel & axle, lever, and screw), surface tension, magnets, sonar (mapping the ocean floor), and solar system were all topics for Science Friday! explorations. There were always multiple experiments for each theme. Experiments were selected to allow students time to explore the concept and test their own ideas. Each session began with a brief introduction to the subject, usually through a PPT or video presentation. PIER also provided a simple written guide to the experiments. Students were asked to keep a log of their experiments.

RESULTS

While we are *very satisfied* with the results of the activities, we are *more excited* about what happened after the scheduled program. Our “scientists” often return to the library a week or so later to test a new theory they have developed – based on the previous experiments.

- How many drops of water will fit in the bowl of a teaspoon?
- What happens we layer different liquids in a container?
- How do we change the wheels on the car to make it go faster?
- How else can we use magnets?

It was rewarding when the 6th grade teacher from the Sandy Bay Modelo School reported the lowest score for her students in the Simple Machines monthly assessment was 86%, while all over 6th grade sections were below average.