

Denny Lindeman

From: Mary Elizabeth Portwood <mportwood@ocean-institute.org>
Sent: Monday, April 07, 2014 4:23 PM
To: denny@dennylindeman.com
Subject: Adopt A Class
Attachments: San Clemente Rotary Club.pdf

Hey Denny!

I hope you had a wonderful weekend. Here is the receipt with the program outline attached as well as California State Standards that are addressed in this program. If you need anything more for the grant please do not hesitate to ask. I want to thank your club members again for coming down and participating in the program- the teachers were so appreciative and very surprised that you guys were so generous not only with your monetary donation but with your time as well. It was lovely meeting you and I hope we get to do it again some time ☺

Sincerely,

Mary Elizabeth

or

Mariliz ;)

Mary Elizabeth Portwood

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April 4, 2014

San Clemente Rotary Club

Adopt-A-Class Receipt

Recognition:	San Clemente Rotary Club
Project:	Adopt-A-Class
Amount:	\$8,000

Adopt-A-Class Program for 2013-2014 school year:

Martin Luther King Elementary School – Santa Ana, CA- 1st graders
Program: House for Hermit Crab Lab - 140 Students, 12 chaperones

Tax ID number 33-0203488

Thank you for your continued support.

Program: A House for Hermit Crab

Students: 1st grade

Program Details

Students learn the difference between fact and fiction as they use lab equipment and our aquariums to compare and contrast live organisms with literary creatures from the book *A House for Hermit Crab* by Eric Carle. Using underwater microscopes the students locate anatomical differences between a variety of sea animals. Our touch tanks provide a hands-on platform for students to explore adaptations of intertidal species. Duration is one hour in the Ecology Lab.

A House for Hermit Crab (Lab) Stations

- **Touch Tank:** Explore some of the ocean animals that Hermit Crab uses to decorate his shell.
- **Shell Study:** Find out why hermit crabs move from one shell to another by sorting shells by their size and graphing the results.
- **Comparative Anatomy:** Discover how a hermit crab differs in size and shape to other crabs, as well as other animals in their environment.
- **Is It Possible? Hermit Crab Interaction:** Discover if it is scientifically possible for all of the animals in the story to attach to the shell of a hermit crab.

Links to California Standards

Science Standards for Kindergarten

Life Sciences:

- 2.a. Students know how to observe and describe similarities and differences in the appearance and behavior of plants and animals (e.g., seed-bearing plants, birds, fish, insects).
- 2.b Students know stories sometimes give plants and animals attribute they do not really have.
- 2.c Students know how to identify major structures of common plants and animals (e.g., stems, leaves, roots, arms, wings, legs).

Investigation and Experimentation:

- 4.a Students will observe common objects by using their five senses.
- 4.b Students will compare and sort common objects by one physical attribute (e.g., color, shape, texture, size, weight).
- 4.e Students will communicate observations orally and through drawings.

Mathematics Standard for Kindergarten**Measurement and Geometry:**

- 1.1 Students will compare length, weight, and capacity of objects by making direct comparison with reference objects (e.g., note which object is shorter, longer, taller, lighter, heavier, or holds more).
- 1.2 Students will demonstrate an understanding of concepts of time (e.g., morning, afternoon, evening, today, yesterday, tomorrow, week, year) and the tools that measure time (e.g., clock, calendar).

Statistics, Data Analysis, and Probability

- 1.1 Students will pose information questions; collect data; and record the results using objects, pictures, and picture graphs.
- 1.2 Students will identify, describe, and extend simple patterns (such as circles or triangles) by referring to their shapes, sizes, or colors.

English-Language Arts Standards for Kindergarten**Reading Comprehension**

- 2.2 Students will use pictures and context to make predictions about story content.
- 2.3 Students will connect to life experiences the information and events in texts.
- 2.5 Students will ask and answer questions about essential elements of a text.

Literary Response and Analysis

- 3.1 Students will distinguish fantasy from realistic text.
- 3.3 Students will identify characters, settings, and important events.