

Office of National Marine Sanctuaries
National Oceanic and Atmospheric Administration



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FOUNDATION



<https://floridakeys.noaa.gov/>

Ocean Guardian School



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NOAA Ocean Guardian Programs



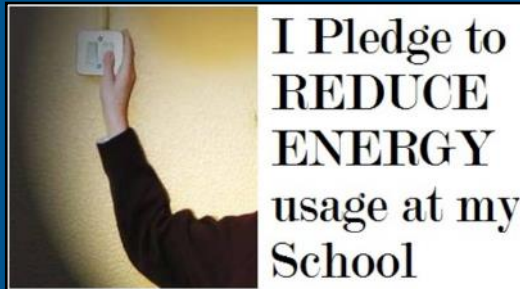
http://sanctuaries.noaa.gov/education/ocean_guardian_prog.html

Ocean Guardian School

A school that guards, protects, or preserves our watersheds, ocean and special areas like national marine sanctuaries



With grants from NOAA'S Ocean Guardian School program, schools around the country are working to help protect the health of our watersheds and ocean by leading stewardship projects.



I Pledge to
**REDUCE
ENERGY**
usage at my
School



Stewardship project pathways

6Rs: Refuse/Reduce/Reuse/Recycle/Rot/Rethink



Learning how to reduce waste and implement programs
to reduce waste within your school

Community Habitat/Garden



Learning about ocean-friendly gardens/habitats and participating in projects to create/improve community gardens and yards with eco-friendly practices

Watershed Restoration



Learning about local watersheds and participating in projects to improve the local watershed

Marine Debris



Learning how to reduce one-time use plastics (such as plastic water bottles) and participating in projects to reduce trash entering the ocean

Energy Use and Ocean Health



Learning about how fossil fuel-based energy use impacts the ocean;
participating in projects to reduce energy use and/or implementing renewable
energy projects

Ocean Guardian School

Protecting the Ocean
One School at a Time

TOTAL IMPACT • 2010-2016



123,189
POUNDS OF TRASH
COLLECTED



7,870
REUSABLE BAGS
DISTRIBUTED



1,138
RECYCLE & COMPOST
BINS INSTALLED



108,857
SINGLE-USE PLASTIC
BOTTLES NOT USED



200,724
SQ. FT OF NON-NATIVE
PLANTS REMOVED

http://sanctuaries.noaa.gov/education/ocean_guardian

Ocean Guardian School Survey

*What are parents
willing to pay?*

*What do parent's
prefer?*

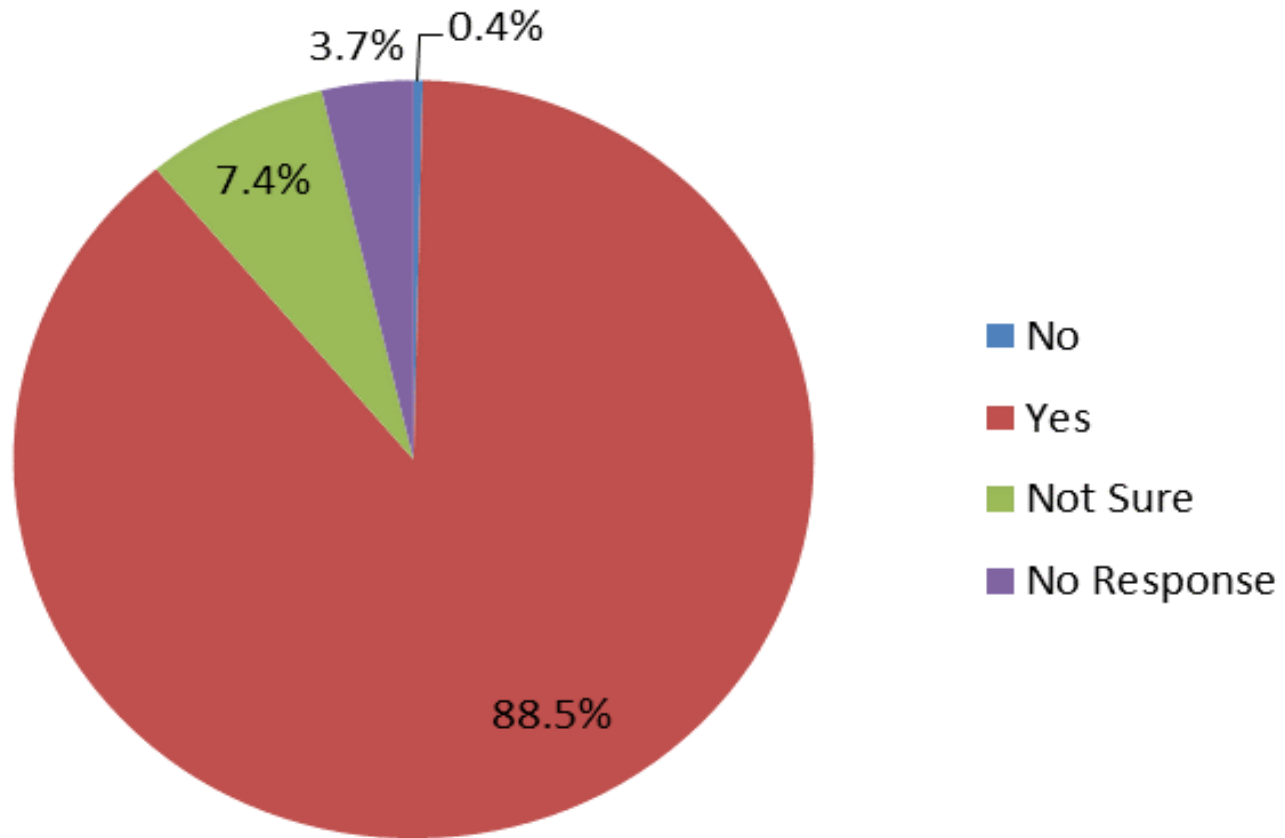


Research Goals



- Understand parent preferences for environmental education programs
- Identify behavioral changes from Ocean Guardian School program
- Estimate the willingness to pay of parents

Parents' Support of Ocean Guardian School Program



Benefits Child Received from participating in Ocean Guardian School Program

Percentage of Parents Reporting their Child Received the Benefit (sample size=270)



Ocean Guardian School Parents Think Programs are Worth:



\$59
Habitat
Creation**



\$48
Watershed
Restoration**



\$34
Energy
Saving**



\$25
Marine Debris
Reduction**



\$21
Recycling**

* Dollar values are per student annually

**These represent the five Ocean Guardian School pathways.

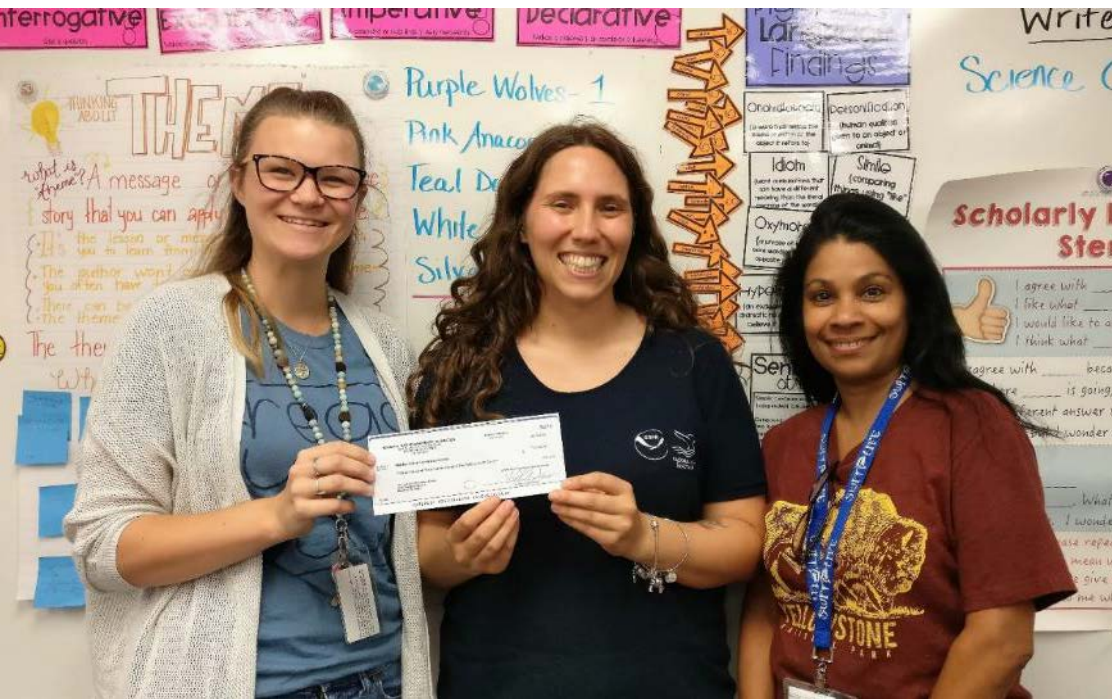
Florida Ocean Guardian Schools

Key Largo School



Stewardship Project: Schoolyard Habitat

Stanley Switlik Elementary School



Stewardship Project:
Refuse/Reduce/Reuse/Recycle/Rot

The Academy at Ocean Reef



Stewardship Project: Year 1- Habitat Restoration
Year 2- Marine Debris

Ocean Studies Charter School



Stewardship Project:
Habitat Restoration

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