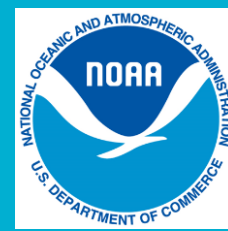


Treasure Island Sailing Center

Sailing to Save the Sea: Pilot Program



Program Dates:
Feb. 25th - 29th, 2019

Teacher: Dana Rees

Class Size: 23

School: Redding Elementary
SF Unified School District

Redding School

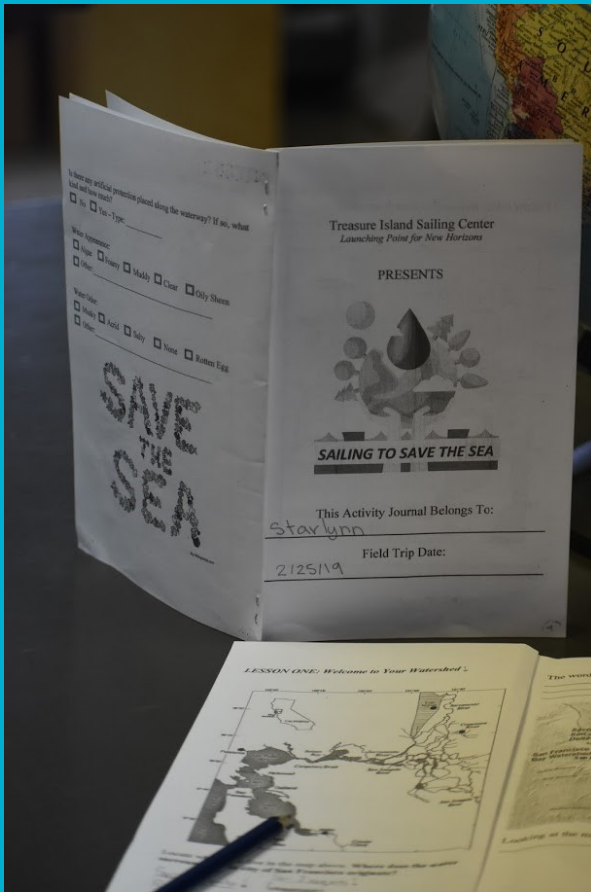
Growing life-long, joyful learners!



Treasure Island Sailing Center

Day One: Introduction to Watershed & Water Pollution

Day one was dedicated to introducing key ideas about the local waterways in the Bay Area and how pollutants can enter the watershed and contaminate our rivers, lakes, and oceans.



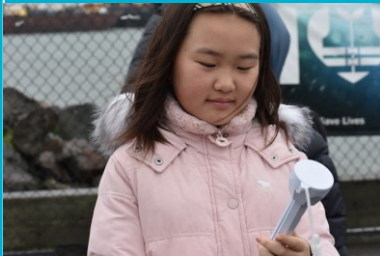
Day Two:

Collecting Water Quality Data

Students spent day two taking water quality samples and recording data

1 | Ocean & Air Temperature

Students recorded average ocean temperatures to be 52 degrees and air temperatures at 55 degrees.



2 | Oxygen Content



Oxygen content was recorded between 7 and 8 PPM.

3 | Salinity

Students found salinity averages to be 19 PPT on a rainy Tuesday.



Day Three:

Beach Clean Up & Marine Debris Data Collection



On day three, students collected and categorized trash from Clipper Cove.

Total Pounds Collected: 15 (not including the cone :))

	Boat One	Boat Two	Boat Three
Group One	12 plastic caps 1 sml piece plastic 1 coffee lid 1 straw 1 plastic bag	1 straw 5 food wrappers 1 five-gallon bucket 4 bottle caps, 7 sml pieces plastic 2 lrg pieces plastic	2 plastic caps 2 straws 3 sml pieces plastic 2 lrg pieces plastic 1 construction cone
Group Two	1 plastic bag 1 food wrapper 3 plastic caps 1 plastic tape 2 sml piece plastic 1 lrg piece plastic	2 plastic bags 1 straw 2 plastic cups 2 sunglasses 1 plastic utensil 1 plastic bottle	1 plastic bag 1 straw 8 plastic cups 1 lrg piece plastic 1 foam cup 6 tampons

Days Four : Call to Action

Dear SfUSD student nutrition ,

Hello, My name is Rayan Ouchene, and i'm a fifth grader at Redding school in San Francisco. We are writing to you today about how plastic straws affect sea animals and human beings. The reason why it affects the human beings and the sea animals is because the plastic travels to the ocean then it affects us because the plastic gets into the fish and we eat the fish for food . I would not like it we wouldn't eat fish for food because I'm a big fan of fish. Earlier this weekend i went on a amazing field trip with the marine workers, The field trip was Going on a sailing trip to the beach and picking up the don't litter and trash we saw on the beach. I think we helped a lot to the Marine beach in Treasure Island. It was a fun experience to clean up the beach and we helped a sea animals a lot. Not to mention we did see some seals that were hangin out on the water. So we have some information about how many straws do we have in our classroom, very surprisingly we have 4,914 straws just for a school year.

And if we combined all our classrooms in the school it would be a whole pile of a bunch of straws and we do not want that to happen to our school so that's why we recycle are straws not litter them into anywhere near the water or just not litter them at all because it affects the animals and human beings. I used to sometimes litter but sometimes it would be it would be an accident and now I just kind of feel guilty of what I've done and I'm not going to liter

Dear Student Nutrition

My name is Dennis Tang and my partner is Temidara Fabunmi.

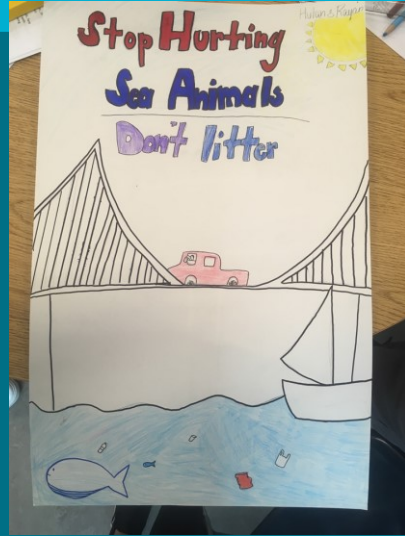
We are both in 5th grade in San Francisco at Redding Elementary School I want to ask you if you can get rid of plastic straws that is in our cafeteria because we use 54,054 straws a day and it is spreading around the world because of plastic making like beaches really dirty and endangering wildlife from, ocean, the land and around the world. And if it spread it can cause pollution and kill wildlife and plants. We did a beach clean up it was super gross and filthy. For example we found blankets bottle cap , cigarette box and a water bottle that was not open it was very dirty.

Thank you for reading a letter and I hope you make a change

On day four, students wrote letters that will be passed along to the head of Student Nutrition for SFUSD. This Call to Action will help to BAN PLASTIC STRAWS in SFUSD Cafeterias. As of Feb. 22nd the School District voted to do just this!

Days Five:

Culminating Project and Call to Action



On day five, students created thoughtful and moving poster campaigns dedicated to drawing public awareness to the dangers of marine debris and plastics. Posters were placed in the school's cafeteria for raise awareness among the student population