



The Prudence Wave

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Our Trip to the WHOIM

By Ben, PISF 4th grader and Meg, PISF 11th grader

When we entered the Woods Hole Oceanographic Institute Museum, we were surprised at how big it was. There were all sorts of replicas of fish and interactive stations that grabbed our attention. There were real Shark Jaws on the wall! There was this graphic globe of the earth that you could tap a location or an event such as an earthquake and it would relay the event on the globe. It showed all the tectonic plates of the earth and how they moved. The globe also played satellite footage of a tropical storm escalating into a hurricane! There was a glass case in another corner that showed South America and Africa. When you spun a handle, it showed how the tectonic plates of the earth moved the continents away from each other over millions of years.



Inside the Alvin model

The main reason we went to the WHOI museum was for the exhibits on the Titanic it had! We have quite a few students that are interested /obsessed with the ship and the movie. We saw a replica of the Titanic at the bottom of the sea that was to scale. The bow of the boat was in the center of the room, and the stern was in the corner farthest from the door. It showed exactly where the two halves lie to this day. There was a picture on the wall showing the bow of the boat in 1985 (the year it was discovered) and a picture of the Bow today. The picture from today was clearer than the picture from 1985, showing the improvement in technology over the years.

See WHOIM cont. on page 5



PIHPS Board
Members Support
Young Historians

**HOW COULD *THE DEFENDERS* AN ISLAND IN PERIL
- AN EPIC SUPER HERO BLOCKBUSTER - GET ANY BIGGER?**



**ADD AN 80S INSPIRED ROCK VIDEO
FEATURING THE ISLAND COP IN A KIMONO?
YEP.....THAT OUGHT TO DO IT!**

The Prudence Island School foundation creates a feature film every year as a fund raiser. Past films have included *Once upon a Mattress* and *CSI -PI*. Each film incorporates the Island and as many Islanders as possible. Past films have incorporated as many as 80 cameos by Island residents and visitors. This years film is an Island-themed super hero film. Villains plot to take over Prudence island. Can *THE DEFENDERS* save us all? The students have written, produced, storyboarded, and filmed the original script.

Please join us for the **Red Carpet World Premeire**

On August 10th at 6:00 PM at the Hope Brown Center. (red carpet attire required)

Two other showings on August 11th at 1:00 pm and 6:30 PM.

Admission is free but seating is limited.

Call Jen Young at 401-683-5756 or e-mail jenyoung2526@gmail.com to reserve seats.

Sally's Studio

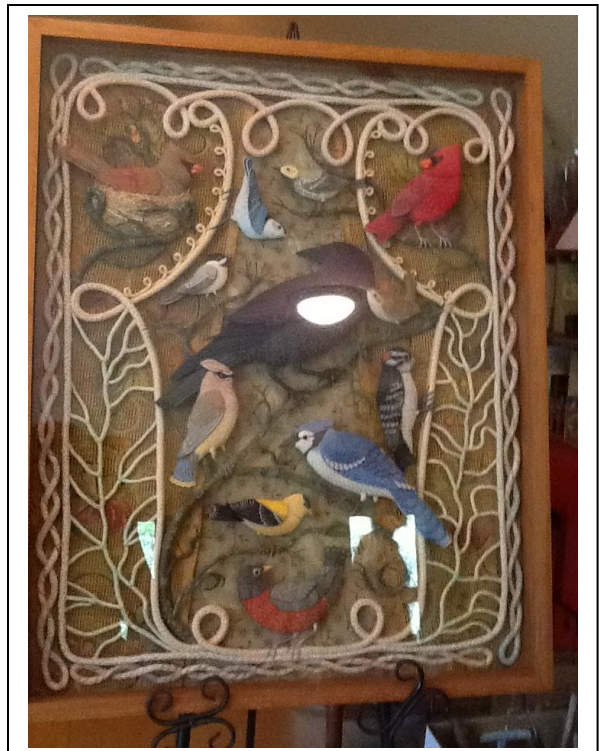
By Raya, PISF 2nd grader and Julianna, PISF 8th grader

A few weeks ago, the whole school took the trip to a famous illustrator's studio. When we walked in, we were amazed! Everywhere we looked there was art and a bunch of different projects. One of our favorite spots in the room was a small shelf with tons of little trinkets on it. There was even a tiny harmonica! In fact, there were loads of favorite spots in the room! We loved everything.

The studio itself was a unique one. When you walk in the first thing you noticed was the huge work table in the middle of the room. There were lots of desks and smaller tables too, because she made the studio in her guest house there was even a bathroom! The whole thing was filled with light and even though you were surrounded by lots of things you couldn't help but let yourself relax. (Julianna speaking) "My favorite piece was a project she had already finished a while back. It had an ice cream parlor and a hardware store; it looked like the main street in a small town!"

Sally was really nice and totally generous considering she let us come to her home to show us her work. "It was really cool to meet a famous artist. I love to do art and it was really cool that she let us come to her house!" Raya says.

More than anything, we thought her felting and stitching was incredible! She is sooo talented!!! We would love to come back and visit another time.



Hatching Harry

By Marina, PISF 10th grader

June 4th 2013 was one of my favorite days that I will never forget and always celebrate. Last summer I found a GINORMOUS caterpillar in my yard, I could see it from the deck! I put it in a mason jar and kept it to show to Jen, I thought maybe she would know what it was. Later that day Harry (the caterpillar) made himself a lovely chrysalis in his jar. This jar had been all over. It started at my house then to my teacher Jen's house (she Harry sat while I was away) and then to school for about 10 MONTHS!!! Well, weeks had passed then months and I had no faith, I thought he had died. BUT.....I was wrong! HARRY HATCHED!!!! This was the most successful butterfly hatching we have ever had here at school. I will gladly admit, I cried. They were tears of joy until he flew away.....then they were tears of sadness ☹ anyway, I will never forget my "son's" birthday. I LOVE YOU HARRY <3



Harry as a caterpillar



Harry, The Giant Hylaphora Cecropia... North America's largest native moth that we hatched right here at school!!!!

Artwork of the Month

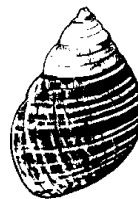
By Aribella, PISF kindergartener



Red Wing Blackbirds

Periwinkle Printing

Screenprinted Fashions



0294 Narragansett Ave.
Prudence Island
RI 02872

Eliza Volkmann 401-742-4641

*PJ Raccoons*By Sam, PISF 4th grader

Have you realized there aren't as many raccoons on the island as last year? We sure have. Well this is what is happening.

The raccoons are not rabid they have a disease called Canine distemper. Only coyotes, fox, raccoon, cats and dogs can get this. Humans cannot get this disease. If you come in contact with a wild animal call the police. If you see an animal that looks like its sleepy weak can't walk heavy breathing stay away and call the police. So if you see an abnormal behavior, call the police at 683-0300.

Questions for Glenn the cop about sick raccoons:

Have you seen a raccoon on the island? YES

Does foam pour out of their mouth? NO

Have you ever chased a raccoon on the island? NO

Have any raccoons hurt anybody? NO

What do the raccoons look like? They look sleepy, weak, can't walk, heavy breathing.

When's the last encounter with a raccoon that you had? December

Do they come out at day and night? If sick they come out at night and day. If not sick only at night.

Do all the raccoons have this disease? Many of them

So that's what is happening to all the raccoons on the island.

WHOIM cont. from page 1

Also, the 1985 picture still had the crow's nest, while the picture from today didn't. There was a chunk of decayed wood displayed that was taken from the Titanic.

When all of us went downstairs we saw a replica of the Alvin, which was the mini Submersible that helped Dr. Ballard find the Titanic. The tiny windows were replaced by tiny TV screens that played actual footage from the Alvin searching for the Titanic. We all sat in the Alvin replica; we barely fit! There were all these levers and buttons and blinking lights that the pilot used to control the Alvin. The museum guide told us not to touch any of them though.

There was a Styrofoam cup that the scientists brought down to the bottom of the sea to test the pressure; it shrank to the size of a thimble! There were a lot of adjustments they had to make so that the Alvin and its passengers could withstand the immense pressure. One of our questions for the museum guide was where the bathroom was in the Alvin. There was a sign on the original Alvin that said PB4UGO- Pee Before You GO!

There was a movie playing in the in the next room. Though we didn't really stay long, we gathered it was about the Titanic and its resting place at the bottom of the sea. The Titanic sunk 101 years ago! In the room the movie was in, there was also some plastic ice that glowed, Some Scuba Gear, and a seven foot stuffed polar bear!

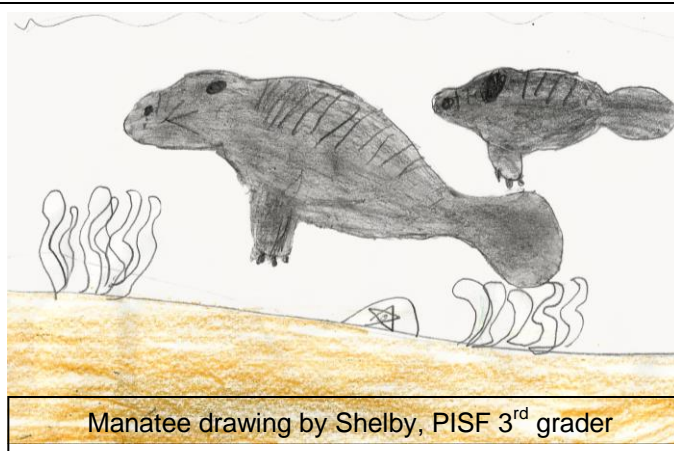
We learned a lot at the Woods Hole Oceanographic institute! We learned about the Titanic, and the tectonic plates, and about all sorts of aquatic animals. We even had fun in the gift shop playing with the stuffed animals! We had tons of fun and hope to return again someday.

Where is this??



We will give you the answer in the August edition of The Prudence Wave!

The June “Where are we?” we were acting at Devil’s Kitchen half way between The Colony and Sand Point. The big girls were scaring the little girls inside the cave.



Manatee drawing by Shelby, PISF 3rd grader

PISF Wish List

- Headphones or ear buds
- Picnic Table
- Hand soap
- Cozy rug
- Nice new dictionary

JOIN US FOR THE SCHOOLHOUSE WALK TO BENEFIT THE PRUDENCE ISLAND SCHOOL FOUNDATION.

Great scenic route! Great Fun, Gifts, Prizes & Refreshments!

Great Cause: Prudence Island School Foundation!

DATE: August 18, 2013

WHERE: Schoolhouse to “Apple Tree” on Chase Lane to Schoolhouse

TIME: 11:30 am Kickoff

REGISTER/DONATE: Contact Cathy Homan at catlari@aol.com or 401-683-0724.

Favorite Parts of our 2012-2013 PISF School Year



By Memphis, PISF pre-schooler

I like shapes.

Tracing them, and lots of them.

Cutting paper, I cut shapes.

Oobleck its fun!!!



By Aribella, PISF Kindergartener

Baby Wyatt comes into school a lot. We hatched chicken eggs. We hatched a lot, but we had 4 duds. I got a dinosaur's sticker for my really good journal. I loved going to DC and seeing the dinosaur bones. The Hope Diamond was not my favorite thing. I was hoping it would do good things. We got to make a movie. We had gymnastics. I can do a handstand which I use to not be able to do them. And I can do cartwheels!!



By Raya, PISF 2nd grader

There are so many great things about school here, but here are some of my favorites. One of my favorite things is the people I go to school with. I also love gymnastics. In gymnastics I learned how to do a pullover on bars. A pullover is when your legs go up and around while your body wraps around the bar. I also love filming because I feel I'm in my element when I act. Being a different character is so cool. I feel in the moment when the camera films me. It is so fun!



By Shelby, PISF 3rd grader

My favorite thing to do is gardening because I like getting dirty and seeing how good it looks when we are done. Then I get to play in it at recess. My other favorite thing at school is that we get to art and crafts, My favorite craft is making flower fairies, because they are fun to make and after I am done sometimes I get to play with it. We make the flower fairies out of pipe cleaners, thread, and pretend plants. Another thing I like about school is when Steph teaches us sports like soccer, baseball, and next we are going to learn lacrosse. My favorite sport is baseball, because I am good at batting. Steph has taught us the rules and how to play.

By Ben, PISF 4th grader

My favorite time here at school is when we went to the Titanic exhibit and a place where we didn't see real fish or animals, but we saw some sculptures and bones of them at Cape Cod. There I learned some facts about the Super Continent! Also, I did this thing where I spun a handle and Africa and South America, in a glass case departed!!! It was soo cool!!!!!! Then, we went down stairs, and, there was the TITANIC EXHIBIT!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! So, all of the kids and I got inside a model of Alvin and we saw what the original Alvin saw while in the search for Titanic through these small glass windows! And they had rotted wood from the real Titanic!!!!!! They also had a room which had a screen playing a movie about the Titanic! In that room, there was scuba tank and diver clothes pinned to the wall and fake glowing ice. There was also a gift shop with tons and tons of stuffed animals! I would have gotten one of the sea turtles if they weren't 19.99!!!!!!!!!!!!!!!!!!!!!!

So I had a great time there!! I hope I can go there again!!!!!!!!!!!!



By Sam, PISF 4th grader

It was awesome! We took a long car trip and visited an author. She was a great writer and she also made fairy houses. We also had a picnic. Then we went to a museum and an aquarium. Then we drove back home and I turned on some music on the way home. We had a lot of fun in Cape Cod!!!!!!!!!!!!!!!!!!!!!! I like the teachers better here, they are a lot nicer. I love this school so much. We also had some chicks that hatched out of there shell just a bit ago but we sold them. I was able to get two of them. I love school here. I used to hate school. I also made new friends too. School is awesome here at the Prudence Island School House.



By Julianna, PISF 8th grader

As you all know, this year has been my first year at the school house. Being here has been very different than anything I've ever experienced. Between making new friends, learning more freely, and acting in a movie, I think I've been really lucky. So, I'd like to share some of my favorite moments of this year.

One of my favorite moments of the year was the D.C. trip! Of course I loved seeing all the museums and enjoyed staying with Bob and Anne, but, I thought about how interesting it was to be so far from home. Now, I know we didn't leave the country- we barely left the coast! - But it was still awesome!

Another one of the best moments I've had this year was making the movie!!! I want to be a film major so it was really cool drawing the storyboard, acting, and being involved.

Last but definitely not least, this school has a lunch lady who is 30,000,000,000 times better than all my old lunch ladies put together! Ray Gaudreau's cheesecake is amazing.



By Marina, PISF 10th grader

My favorite part about school this year was definitely the trip to DC. It was just amazing getting to see our nation's capital. Other than DC and the usual school stuff like math, history and chemistry, I have to say I enjoyed the nursing home very, very, very much. I loved getting to know the people there. I made a very good friend over the past year and I can't wait to go back and see him in September. Most likely I will stop by this summer though, September is too far away. His name (nickname) is Keyday. Every Wednesday when we got there we would go downstairs and there he was, reading the newspaper. We really got to know one another. We are buddies now, I love him. When it's time to go he always gives me a hug and says "see ya next week" or "love you". Any activity we do there, no matter what it is I always give it to him. He attaches them to his walker. He even has a picture of us together in his room. Even though the nursing home was my favorite part of the school year, I enjoyed everything else too.

By Meg, PISF 11th grader

My favorite school memories always revolve around History Class. We have so much fun with Joe learning about American History and Island History. We're always having a great time with the Words We Don't Know and the coveted Gold Stars, and especially History Jeopardy. But most of all I think I like how relaxed we are in class, and how well we work together. History Walks are loads of fun too. Every Friday we'd go on a walk to a spot on the island that has historical significance. We went to places like the Blind Allen's House (which we tromped through a thicket of bull briar to get to). We also surveyed the area where we think the Tunnel was. I love everything about school here, but if I was forced to choose my favorite thing about school, it would be History Class



Diapers

By Marina, PISF 10th grader and Meg, PISF 11th grader

Marina and Meg performed a Chemistry lab comparing Pampers, Huggies, and Compostable G-diapers. Most diapers have little beads in them called polymers. The polymers absorb the urine, keeping it contained in the diaper.

Polymers are chains of carbon molecules with oxygen and hydrogen molecules connecting to the chain. When water is added, the hydrogen molecules in the H₂O connect to the oxygen molecules in the polymers. That's how the polymers suck up water. It is important to know that there is a significant amount of salt in urine. Salt is Polymer's arch-nemesis. Both water and salt are looking for something to grab onto, and the oxygen molecules in the polymers are the perfect place. The salt molecules will steal the spaces that the water could have hooked up to, so less water molecules are absorbed by the polymers.

The type of polymers in diapers- Sodium Polyacrylate- can hold up to 300 times their weight in water, or so they say. Marina and Meg's mission was to test this statement and figure out which diaper was best to use.

First they observed each diaper brand's physical appearance. Pampers infant diapers have a square-ish shape with elastic leg bands and two sets of scrunchy edges. Huggies had a rounder body with thicker padding and more stretch on the sides than pampers. Meanwhile the G-diaper was a large rectangular pad with no stretch or give. Meg and Marina removed the polymers from each diaper and added water to each sample until the polymers couldn't contain any more water. As more water was added, the polymers swelled with water. If you magnified this process, you'd see the Hydrogen ions zooming around, looking for something to grab onto. When the polymers reach saturation, there are no more open molecules that the hydrogen can cling too, so the urine leaks out. They found that Huggies held 150 more drops than pampers did at 1280. The G-diaper held only 110 drops. When Marina added a teaspoon of salt to each beaker the water immediately separated from the polymers.

For the third part of their lab Meg and Marina added drops of water to each brand of the diapers. Pampers held 270ml of water before it soaked through. It absorbed the liquid at a slower rate than the other brands. Huggies absorbed 290ml immediately as it was poured, while the G-diaper only absorbed 90ml, though it was faster than Pampers and only slightly slower than Huggies.

It would seem at first glance that Huggies would be the better brand but then Marina and Meg asked Steph Jenness's opinion on the matter. An experienced mother who has tried all three brands, Steph claimed that she liked Pampers brand best because of its shape and how it fits her baby's butt. It keeps everything contained while Huggies brand tends to leak.

The Girls also Googled the g-diapers to see if they were in fact worth the money; they found that while regular brand-name diapers such as Pampers and Huggies take over 500 years to decompose the G-diaper takes only months to completely dissolve into the earth. So the decision must be made; would you rather save yourself the hassle of a compostable diaper, or save the planet. *Choose wisely...*



Intriguing Islander of the Month

By Aribella, PISF kindergartener

Aribella, our PISF Kindergartener, interviewed Glenn Young for our Intriguing Islander this month. She created the questions, ran the interview and below is her interpretation of Glenn's answers. In parentheses are his actual answers when clarification is necessary.

1. What are the different jobs that you have had in your life?

He is a cop, rock star, looked at cool rocks... (Police officer, Geologist, Computer Lab supervisor, Lab Technician in materials research lab, janitor for General Electric, house painter, stock boy in toy store and a room service waiter for a hotel.)

2. What is your favorite job?

What he is now, coping

3. I found a dinosaur bone at my house. It looks like 3 fingers that are straight. It may be a fossil. Do you know what it is?

He doesn't know what it is but we could look in a telescope or a magnify glass (microscope) to tell if it is a bone

4. What was the coolest rock you ever saw?

The cool one on the top of a mountain (In Montana on top of a mountain he found a Native American arrow head made out of obsidian)

5. How many states have you been too and what are they?

50 or 20 or 30... lots... (As a geologist we worked in many states, as far away as California. He drove across the country a few times and has been to almost every state.)

6. Have you ever almost crash landed in a plane?

No, never even close to crash landing. But his plane got turbulence sometimes.

7. How many songs has your band written?

Almost 100 or so. Too many to write down

8. How did you get into making movies?

Joseph was the first movie he ever made because Raya wanted to make a movie all by herself



9. What is your favorite food?

Pizza

10. What is your favorite drink?

Water

11. What did the egg say to the other egg?

He didn't know but the answer is...Let's get cracken....

12. What is your favorite family memory?

He went to Arielle's Groto with Raya (his daughter) in Disney World. And in the Disney Parade the mean octopus lady spooked him out... She is mean!

13. What is your favorite kind of flower?

Orchid

14. What is your favorite dinosaur?

I think he said Triceratops, but he has a little plastic T-rex named Roger

15. What is one thing that most people don't know about you?

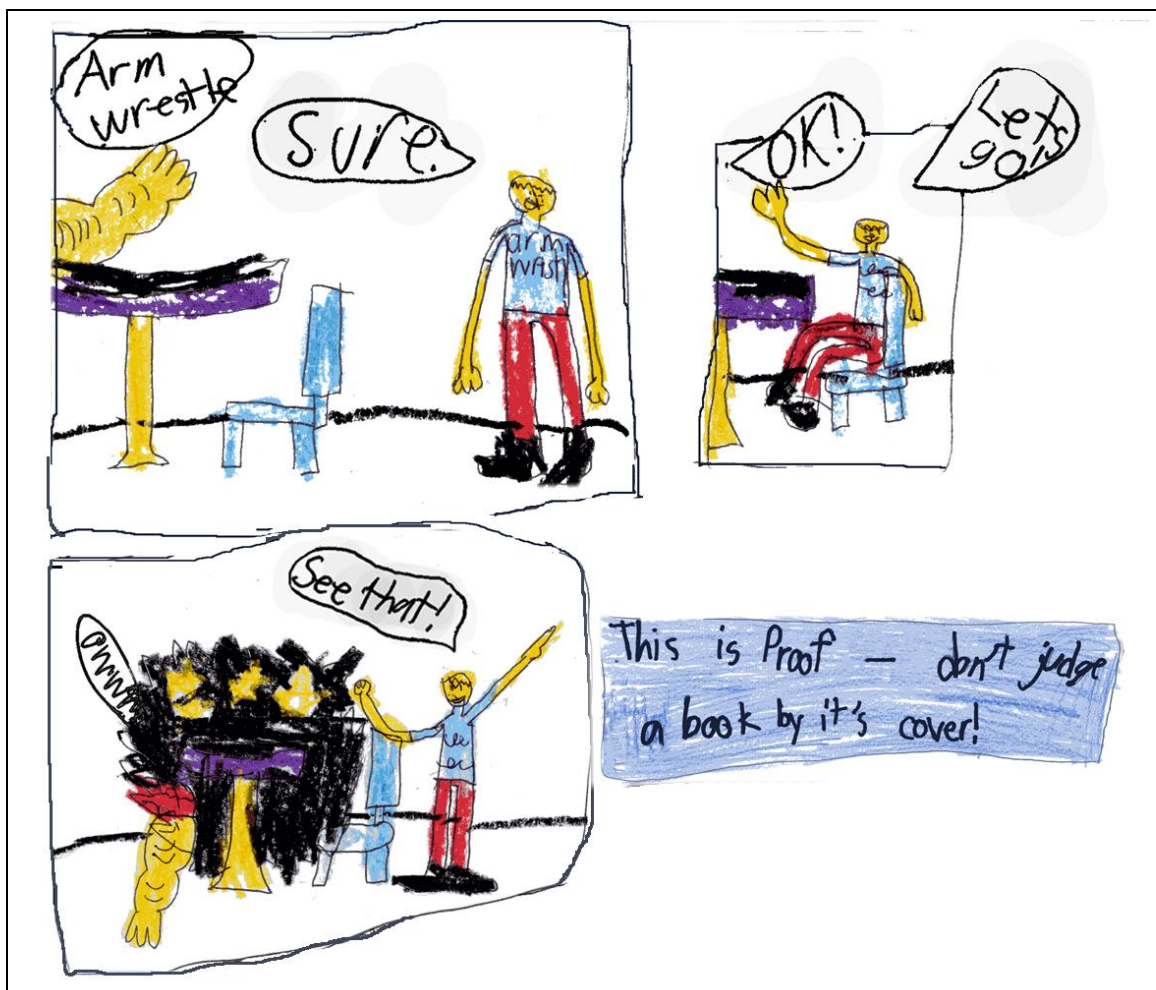
He can walk on stilts and he is hilarious

16. What is your favorite gourd?

Butternut squash

Cartoon Corner

By Sam, PISF 4th grader



PISF Newspaper Club

Do you enjoy reading *The Prudence Wave* each month? Then come be part of it all...

Write articles, cover island events, be a photographer, draw cartoons or create puzzles

Join us this summer Thursdays from 10-12 at the PI Schoolhouse

The club runs from July 10 through Aug 22

All ages are welcome

Children younger than 9 must be accompanied by an adult

*Titanic Timeline*By Ben, PISF 4th grader

April 10th, 1912-Titanic began her Maiden Voyage.

April 10th, 1912 6:30P.M.-Titanic arrived at Cherbourg, France and picked up and dropped off more passengers.

April 11th, 1912 11:30A.M.- The Titanic reaches Queenstown, Ireland.

April 12th and 13th, 1912-The ship went into calm waters.

April 14th, 1912-Throughout the day, 7 iceberg warnings were received.

April 14th, 1912 11:40 P.M.-Fredrick Fleet spotted an iceberg dead ahead. Titanic was stricken.

April 15th, 1912 2:05 A.M.-The last lifeboat was lowered. Titanic still has over 1,500 people on board.

April 15th, 1912 2:17 A.M.-The LAST radio message was sent.

April 15th, 1912 2:20 A.M.-The Titanic split in half. Sadly, 1,517 people died in the disaster.

April 15th, 1912 3:30 A.M.-Carpathia's rockets were spotted by the survivors.

April 15th, 1912 8:50 A.M.-The ship left the area bound for New York, the place where Titanic was heading, with 705 survivors on board.

April 18th, 1912 9:00 P.M.- The Carpathia arrives in New York.

*Journal of the Month*By Shelby, PISF 3rd grader

Prompt: If you could go back in time to any place, where would you go?

I want to go back in time to the 4th of July bonfire when I was little because two teenagers told me that there were monsters in the tall grass. I want to say to them "Weirdos!"



**Prudence Island
Realty**

Fred Stevenson ABR CRS

401-965-0850

www.PrudenceIslandHomes.com

**Made by the Bay Jewelry
Contact Susan Mazur at :**

401-450-5342

Made by sea glass found on Prudence!

Scenes from Our Classroom



Bird watching with our lovely Maureen from NBNERR



Nature Journaling in Cape Cod



Water balloon fun!



Buffer Chemistry lab in the front and giant bubble fun in the back



Memory match with our friend Roger



Painting our bird diorama



Glazing Our Ceramic Creations



Last day of school water balloon party



Garden strawberry feast!



Bones Study