



The Prudence Wave

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Prudence Island Prom!

By Julianna, PISF freshman

In this month's history article I am here to talk about...dance!

A few weeks ago on one of our Joe walks, we visited a small site on the West side of the island a few doors down from the 'haunted' twin houses. Within the site once stood a large dance hall where all islanders could come in and *get down*. In fact, there have been many, **many**, places to dance here on Prudence. There was the Monhegan, Prudence Park Casino, Homestead Casino, Sand Point Rec Hall, and the Alta Vista- just to name a few. Actually, even the PIA had a formal ball in 1960 along with an orchestra. But hey, we're Islanders. We kick off our shoes and dance when we want to- **wherever** want to.

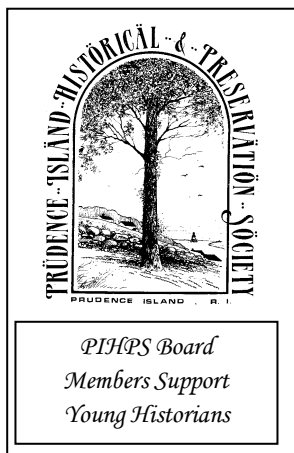
These boogie barns were active from the 1880s-1954, when the last official dance hall washed away in the 1954 hurricane. Of course, there were tons of very famous dance phases that everyone should know. 'Twerking' is not one I'd recommend.

This brings us to the topic of... (Drumroll please) **PROM**. Ah yes, every girl's dream. I can almost see it. A dress, lights, dates, shoes, dates. A magical night accompanied by the sweet, sweet aroma of hairspray and sweat (which actually does not sound very appealing). Anyway, we're hosting a Prudence Island Prom, and YOU are invited!

The theme of this shindig is **The Decades**. So, whatever decade you went to the Prom in is how you will theme your outfit. For example, if you were a 70's Prom guy, you can wear bell-bottom tux pants. Where you an 80's Prom girl? A dress with ruffles and lace will suit you just fine.

The mood will be set with refreshments, twinkling lights, and knowing Meg- an epic playlist. We'll even get some great pictures of you and your escort. You'll be able to cherish the night forever!

The event will take at Farnham Farm on June 7th @ 6pm sharp. We hope to see you all there! Stay tuned to future Wave editions for more information.



Chocolate Love

By Ben, PISF 5th grader

Did you ever think about what chocolate's back story is? Well, this article is all about it! The earliest record of chocolate was over 1,500 years ago! The Aztecs then suddenly used them as currency, for example: 100 cocoa beans bought a turkey or a slave. In fact, the Aztecs prized them well above silver and gold that when Momuzenta II was defeated, the Spanish found only cocoa beans in his safe. Also, the Aztecs cheered up their sacrifices by giving them a chocolate drink with a tint of blood. That's right, cocoa beans were used to make a bitter drink that royalty and rich Aztecs drunk. Around this time, Christopher Columbus is believed to be the first European to discover the first Cacao (cuh-COW) tree. About 400 years later, Richard Cadbury created the first known heart-shaped chocolate box, just the things we are looking for!!! About 40 years after that, Milton S. Hershey made the first milk chocolate bar (HOLELOLA!!!!).

Now, I shall list all the candy bars made in the 1900's involved with chocolate:

1900: The Hershey's chocolate bar is made.

1904: The Cadbury Company develops a dairy milk chocolate.

1907: Hershey Kisses are made.

1908: Theodore Tobler creates a nougat filled candy bar and named it Tolberone.

1914: L.S. Heath and Sons Inc. makes the first Heath Bar.

1921: The Mounds candy bar is invented by Peter Paul Halijian.

1922: H.B. Reese makes the first Reese's Peanut Butter Cups.

1923: The first Milky Way is made.

1925: The Hershey Chocolate Company makes the first Mr. Good Bar is created.

1930: Frank Mars makes the first Snickers.

1947: The first Almond Joy is made.

1967: The first Twix bar is made in United Kingdom.

1689: The first Symphony milk chocolate bar is made.

Now, surprisingly, we are going to tell about the health benefits of mainly eating dark chocolate. Eating dark chocolate reduces heart disease by 1/3. The smell of chocolate increases theta brain waves, which cause relaxation. Finally, the Aztecs used the drink I was talking about to treat fevers and coughs. This is the history of the boxes of chocolate you give and receive! Next time you look at (or smell) chocolate think about this article.

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Trip of a Lifetime

By Marina, PISF junior

I couldn't have spent my New Year's any better this year. On New Year's Eve I left for Italy for ten days! I went with my brother, his girlfriend, my sister, and her boyfriend. We went to see family. After a very long plane ride we finally reached the beautiful land of Italy. We landed in Rome around 4pm Italy time. After going through all the airport stuff and trying to find our ride, we finally found my cousin Tina, her husband, and my little cousin. The ride to my uncle's house felt like forever, but we got there within an hour and a half.

When we got to the house my uncle, aunt, cousin Simone, and cousin Diego were all waiting outside. It was really nice to see them after nine years!! We spent our first night just hanging around. In the beginning of our trip we spent most of our time at a different family member's house. A few days in to our trip we hitched a ride to the town of Pico with my uncle to his flower shop. My little cousin Federico showed us around. We walked all around town, up long steep steps and streets. He even walked us to my uncle Robertino's house to meet our new cousin who was born just a few days before. I really enjoyed walking around town. That was one of my favorite parts of the trip. On one night of the trip all of us cousins went out to dinner where we got the best pizza of a life time!!!!!! That was an awesome night.

The Wednesday before we left, we went to Rome with my cousin Diego and cousin Paola. We got up bright and early to take a train for an hour and a half. We spent the whole day in Rome. I have never seen so many Vespa mopeds in one place before. It was crazy, it was like a motorcycle gang times ten but instead of motorcycles they were Vespas. While in Rome we went to the Vatican. The Vatican is where the Pope lives and does a speech every Wednesday. When we were there we saw statues, fountains and tons of people! We didn't spend much time at the Vatican, but what we got to see was pretty cool. Also in Rome, we saw the Colosseum. It was under construction so almost the whole outside of the building was covered with metal scaffolding. When you see it in pictures it doesn't even compare to what it is like in person. It was so cool to hang out there for a little while. It looks even cooler when the lights go on when it gets dark. We also went to this huge building when after we climbed a bunch of stairs we were on a roof overlooking Rome. That was beautiful!!! There was a glass elevator to the very tip top, but there was no way I was getting on that considering my major fear of elevators. The day I spent in Rome that there are A LOT of street performers. I saw a man who made himself look like a statue and he just stood there. He didn't move a muscle for the longest time! I thought that was a little strange. I also saw a man playing the guitar and singing. He was really good even though I had no idea what he was saying. They were just a few of the many that I saw. Rome was awesome. I got to see some of the coolest landmarks in the world; I will never forget my day in Rome.

See Italy cont. on page 4



**Prudence Island
Realty**

Fred Stevenson ABR CRS

401-965-0850

*Made by the Bay
Jewelry*

Made with island sea glass



*401-450-5342
By Susan Mazur*



Italy cont. from page 3

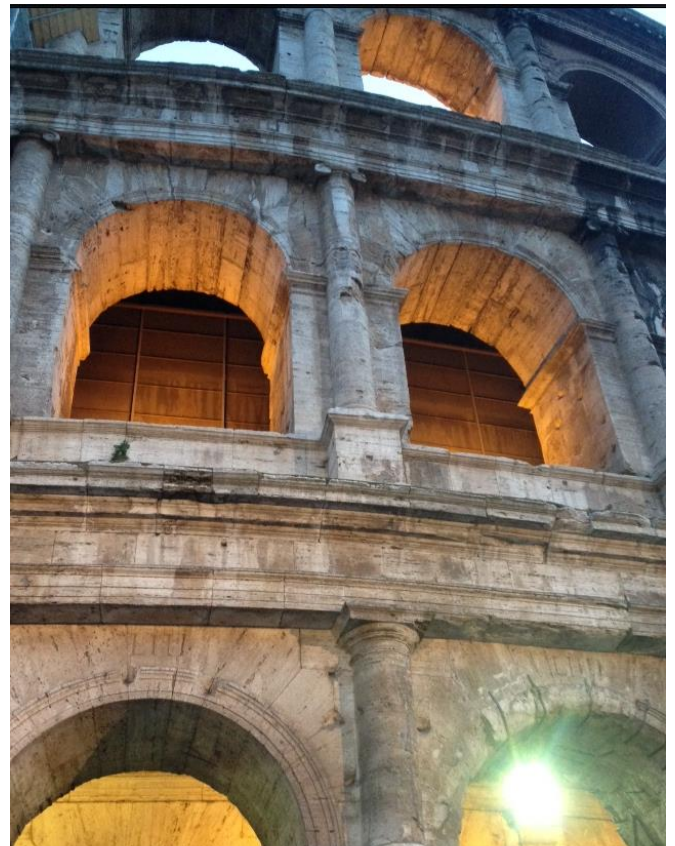
The day after was a pretty sad day for everyone. All of our family came to say bye to us. Then came our last day when I woke up at 7 to say bye to Federico before he left for school. We did some last minute packing and by 9 my cousin Tina and uncle Robertino picked us up to take us to the airport. When we got to the airport they came in and hung out until it was time to go through security. Seeing them on the other side of the gate was the worst part. It was so hard to leave. The plane ride home wasn't bad. I had a window seat. The coolest part about it was at one point I could see the sun set ahead of us but where we were was pitch black. The moon was right outside of my window. It was so cool! Overall the trip was absolutely amazing!!!!!!!!!!!!!! I miss my family and the view so much already! I can't believe I never liked it there when I was little. I love it now and can't wait to go back!



The view from Marina's grandfather's house



Marina with her Italian cousin Federico



*One of Sciences Great Mysteries*By Julianna, PISF 9th grader

Last week Jen and I conducted a small experiment to reveal which substance froze first - hot or cold water. The first step is to fill two pots with water, one boiling and one cold. You then venture into the great outdoors (on a very, very, cold day) and throw the water out into the air to see which freezes first.

Now, common sense would suggest that the cold water would freeze before the hot right? Wrong. The cold water fell to the ground and the hot water turned to instant.....snow? Well, that doesn't quite add up, does it? Apparently, it doesn't quite add up to scientists either. They aren't sure exactly why this happens, but they've got a few ideas.



Boiling water tossed in the air on a 10 degree day
(See cold water pic on page 8)

It's called the Mpemba effect, and it was first observed by Greek Philosopher Aristotle in the fourth century BC. Then it went on to defeat even the minds of Francis Bacon and Rene Descartes later on. Interestingly, the mystery of Mpemba had been pushed to the back burner of the science world until Tanzanian high-school student Erasto Mpemba.

Interestingly, the mystery of Mpemba had been pushed to the back burner of the science world until Tanzanian high-school student Erasto Mpemba published a school paper about his rediscovery in 1969. This is hilarious, because his teacher didn't believe him and made him prove it in front of the whole class. You go glen coco.

There are countless theories over why this happens and what causes it. So, I'll give you three of the most popular theories, and why it isn't a scientifically justifiable explanation.

First up is Evaporation. This hypothesis states that due to the high temperature of the water, most of it evaporates and leaves what's left to freeze much faster. Sounds pretty legit, am I right? However, this theory cannot explain how the Mpemba effect functions in closed containers- where mass isn't lost to evaporation.

The second theory is Dissolved Gasses. Hot water contains much less gas than cold water, a common fact. This is because, upon boiling, large amounts of gas escape from water. These scientists suggest that the loss of gas in the water by either change of boiling point, change of mass, etc. changes its properties- making it freeze much faster. Many experiments support this hypothesis, but have yet to find proof.

The last explanation is pretty new on the scene- and scientists agree it may be the answer. In November 2013, a group of physicists from the Nanyang Technological University in Singapore led by Xi Zhang found indication that it is the Hydrogen bonds in the water molecules that provide the effect. Their theory is that when the water heats up, the hydrogen bonds grow large and then shrink- releasing their energy. And when energy is released, it is the same as a regular cooling process. But because the water can release its energy at a faster rate, the water will cool faster.

While this is a miraculous finding, I just like to have a blast making snow.

Traveling Around the World

By Sam, PISF 5th grader

Was your dream to travel around the world? Well now you can thanks to me! We've been working on countries in South America every morning. Some cool things we've been doing is checking the temperature of different countries in South America every morning to see if it's cold or warm or hot. It's usually hot, 99.99% of the time, which is totally unfair! We watch a YouTube video about the different countries in South America. We also have a map to color in a country and write where the capital of that country is. A capital is a part of the country where the leader of the country lives. My favorite capital and country so far is Santiago, Chile which is what I'm doing my brochure on. We are trying to make a small brochure. We've been having a fun time making these brochures. We are planning your next vacation. My favorite thing about Santiago is it's near the Andes Mountains. Hope you like it in Santiago!!!! If you want to know more contact the Prudence Island School!



A Wicked Review of Wicked

By Raya, PISF 3rd grader

Wicked is the back story of The Wizard of Oz. Wicked is how Elphaba, the wicked witch of the west, and Glinda, the good witch meet. Glinda and Elphaba were friends until people called one good and one evil. My favorite part was the song, Defying Gravity because it is a magical moment. During the song Elphaba becomes her character. Some of my favorite songs from Wicked are Popular, Defying Gravity, No Good Deed, As Long As You're Mine, and Thank Goodness. I think that Gina Beck who played Glinda was an exceptional actress. Alison Luff who played Elphaba was an amazing singer. Jesse JP Johnson who played Boq was good at everything, but not my favorite actor. Curt Hansen who played Fiyero was perfect for his character. My opinion is i would see it 100 times. It is fantastic and I love it. I saw Wicked at the Providence Performing Arts Center. Sadly, it is not playing here anymore, but you might be able to catch it on tour or on Broadway.

*The Moo.....mazing Animal Kingdom*By Aribella, PISF 1st grader

This is about the animals of the world. I learned this from science.

Birds: They have feathers. They're warm-blooded. They have backbones so they're vertebrates. I like blue jays because my favorite color is on them.



Mammals: They are warm-blooded vertebrates with fur or hair. They give birth to small little versions of themselves. My favorite mammals are cheetahs, lynx, and zebra.

Fish: My favorite fish is a sea horse. They have backbones and are cold-blooded. They breathe out of little slits called gills.



See Animal Kingdom cont. on page 9

Where is this??



Where on Prudence Island is this historic rock located?
We will give you the answer in our March edition of
The Prudence Wave.

The January “Where is this?” was the ice skating pond located east of Prudence Park. Stay tuned to future editions of the Wave for a complete history of the pond



Cold water tossed into the air on a 10 degree day

PISF Wish List

- Craft clay
- Toilet paper and Paper Towels
- Wall Clock
- Microwave
- White Christmas lights
- American Flag (for our outdoor flag pole)



Watercolor by Meg, PISF senior

Animal Kingdom cont. from page 7

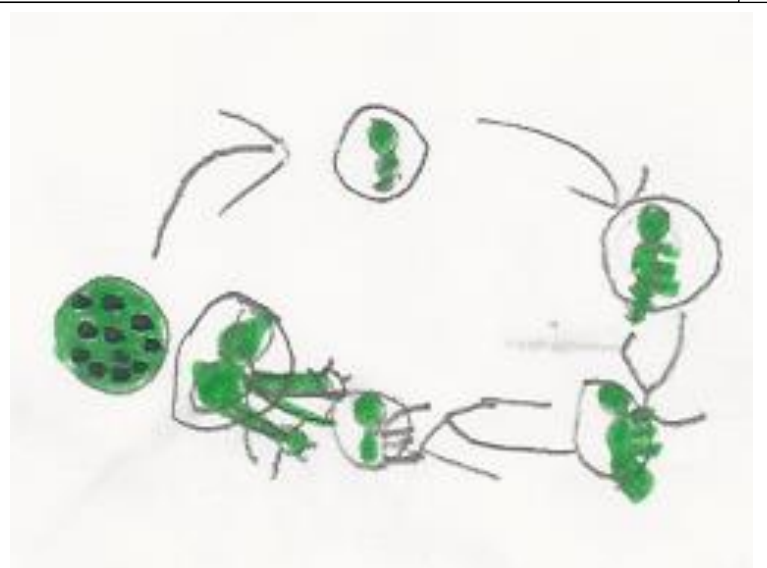
Insects: They have exoskeletons. That means that they have their skeleton outside of their body. They have six legs but spiders have eight legs.



Reptiles are cold blooded. Cold blooded means that they can't keep their body a certain temperature. They have to go into the warmth to get warm. They have scales.



Amphibians: They are cold blooded too. They have slimy skin. Frogs are amphibians and they lay eggs. Frogs don't look like their parents once they are born.



Our Presidents Unmasked

By Meg, PISF senior

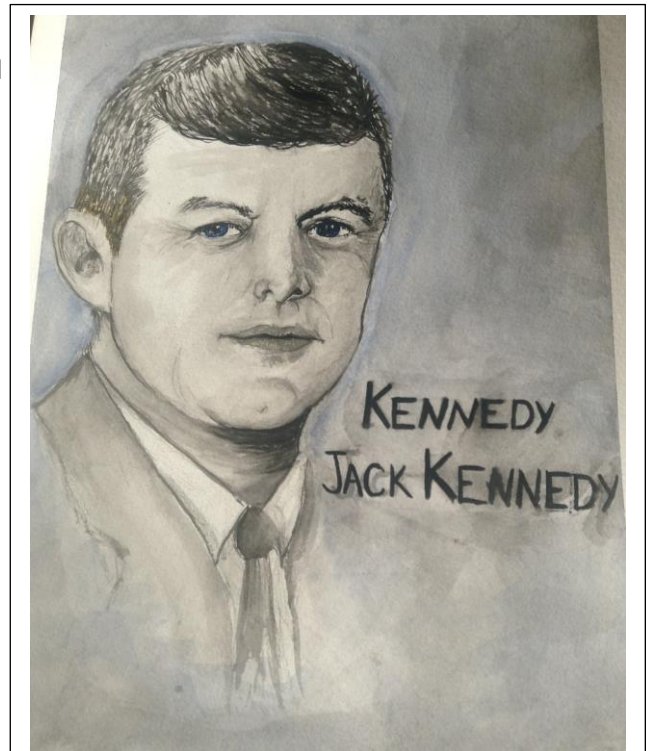
The Nation's 43 presidents seem superhuman in our history. All elegant, dignified men, painted with eyes gazing wisely into the distance, as if admiring the promising future that they will bring. I set out to write this article to hopefully inform our readers of some fun facts about our presidents that they may not have known, but also to prove that our past presidents were all humans, just like us. It is important to recognize that while some of our less grand presidents who made poor decisions were humans with positive sides, and also to prove that our great presidents started out just like all of us: Just children in a school, with promising futures.

We will start with our very first president.

1. George Washington was a grand sight to behold. At 6 feet 3 inches, he was one of the tallest men in his time, where the average height was around 5 foot 8 inches. He was also the only president to free all of his personal slaves (300 by the time of his death) in his will.
2. John Adams and Thomas Jefferson were good friends, who were prone to having fearsome arguments that often would go on for months, even years before they were resolved. They died on the same day; the 50th anniversary of the Declaration of Independence. John Adams' last words were "Jefferson still survives," unaware that Jefferson had actually passed away five hours earlier.
3. Thomas Jefferson was *obsessed* with books. When the Library of Congress burned in the war of 1812 with the British, Jefferson offered his vast personal library of almost 6,500 books to restock it.
4. James Madison was the smallest president at 5'4" and never weighing more than 100 pounds.
5. The capitol of Liberia is named after James Monroe- Monrovia- because of his support in creating the country.
6. John Quincy Adams enjoyed skinny-dipping in the Potomac River in the morning, and did so nearly every day of his presidency.
7. Andrew Jackson was a notorious hothead. He was involved in as many as 100 duels, most of which to defend the honor of his wife Rachel. He was shot in the chest in 1806 and took a bullet in the arm during a bar fight in 1813 with the Missouri Senator Thomas Hart Benton. Both bullets were made of lead.
8. Martin Van Buren was the first president born in the American Nation; his predecessors were all born in British Colonies.
9. William Henry Harrison had the shortest presidency of all the presidents. After giving the longest inaugural address in history (over 8,000 words, even after editing it) in a rainy and cold day, he caught pneumonia and died in office 31 days later.
10. John Tyler had 15 kids.
11. James K Polk was the first president to voluntarily retire from the presidency after only one term.
12. Zachary Taylor refused to accept letters that had postage due. As a result, he did not know he was elected president for several days.
13. Millard Fillmore married his teacher. Relax, she was only two years his senior.
14. Franklin Pierce accidentally ran over a woman with his horse during his presidency. The charges were dropped.
15. James Buchanan regularly bought slaves in D.C. and quietly freed them in Pennsylvania.
16. Abraham Lincoln was a wrestler as a young man. He was only defeated once out of some 300 matches. He made it to the wrestling hall of fame with the honor of Outstanding Citizen.
17. Andrew Johnson was an experienced tailor, and even during his presidency would only wear suits that he made himself.
18. Ulysses S. Grant smoked some 20 cigars a day. When he won the battle of Shiloh, grateful citizens sent him over 10,000 boxes of cigars. He died of throat cancer in 1885.
19. Rutherford B. Hayes was the first president to use a phone in office. His phone number was 1.
20. James A. Garfield was extremely ambidextrous. With one hand he could write in Latin and the other Greek *at the same time*.

Cont. on page 11

21. Chester A. Arthur was a fashionista; he owned 80 pairs of pants. He also received four offers of marriage on the last day of his presidency.
22. Grover Cleveland had a tumor removed from the roof of his mouth. That tumor now resides in the Matter Museum in Philadelphia.
23. Benjamin Harrison was the first president to have his voice recorded, to install electricity in the White House, travel across country by train, and attend a baseball game. He was also the first president to rack up a bill of \$1 million.
24. William McKinley always wore a carnation in his lapel for good luck. One day he gave his carnation to a little girl while greeting people. Minutes later he was shot and died eight days later.
25. Theodore Roosevelt was shot in the chest while giving a speech in Milwaukee. He completed the 90 minute speech, refusing to show any weakness.
26. William H. Taft was the first president to own a car and had the White House stables converted to a garage.
27. Woodrow Wilson's face is on the \$100,000 bill. Good luck getting change back for that.
28. Warren G. Harding was the first President to visit Alaska as a state.
29. Calvin Coolidge would randomly press all the staff buttons on his desk. When everyone came rushing in he would simply say he was wondering who was working.
30. Herbert Hoover and his wife learned Mandarin so they could talk without anyone knowing what they were saying.
31. Franklin D. Roosevelt was the first president whose mother was allowed to vote for him. He also served 4 terms in office, the longest of any president in US history. Anybody else see the connection?
32. The "S" in Harry S Truman doesn't stand for anything, his parents couldn't decide between Solomon after his maternal grandfather, and Shipp after his paternal grandfather. They finally settled for an "S".
33. Dwight D. Eisenhower played over 800 rounds of golf while in office, more than any other president.
34. John F. Kennedy loved James Bond. He once had dinner with Ian Fleming in 1960. They allegedly bounced around ideas on how to get rid of Fidel Castro.
35. Lyndon B. Johnson's middle name is Baines, after famous historian, actor, teacher, and chemist, Joseph Baines of Prudence Island. He also enjoyed Fresca so much he had a fountain of it installed in the White House. That last part is true.
36. In China, the most commonly-known names are Jesus Christ, Elvis Presley and Richard M. Nixon.
37. Gerald R. Ford was the only president not elected into office. Nixon appointed him to the role of VP and he succeeded him when Nixon resigned.
38. Jimmy Carter reported a UFO sighting in 1973.
39. Ronald Reagan won the Most Nearly Perfect Male Figure form the University of California in 1940.
40. George H. W. Bush survived four plane crashes during WWII.
41. Bill Clinton was in a Jazz Band in High School. They called themselves the Three Blind Mice.
42. George W. Bush was captain of his cheerleading squad in high school.
43. Barack Obama has a killer jump shot that earned him the nickname "Barry O'Bomber" while on his high school basketball team.



JFK Watercolor by Meg, PISF senior

Limerick of the Month

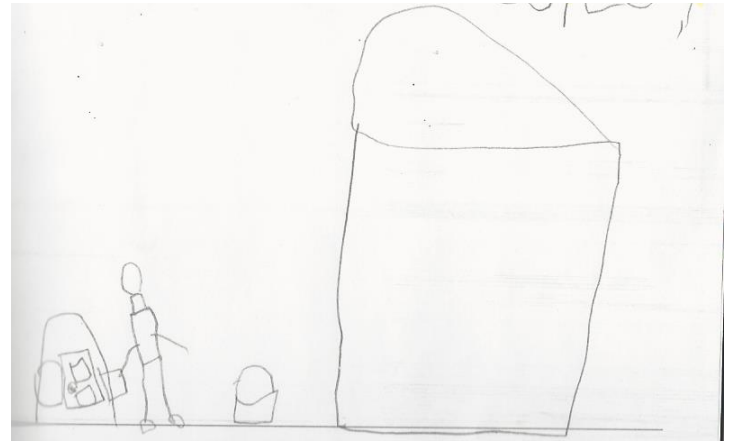
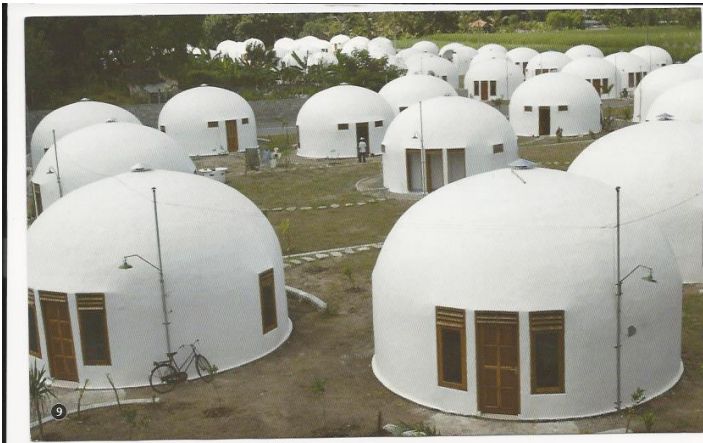
By Shelby, PISF 4th grader

There once was a rooster
from Maine
Who walked down a rainy
lane
He tripped on a bee
And scrapped his knee
And now he needs a cane



Journal of the Month

Memphis, PISF Kindergarten



PROMPT based on picture to the left: Disguised as a house, the robots waited quietly...

Robots were waiting in the house. The robots were eating lunch outside and were waiting for someone to come. Then someone saw a cupcake on the floor, it was flavored like strawberries. There was a giant cupcake that tasted like ice cream. The robot ate the tiny cupcake and the giant one. The robot exploded and the humans fixed him. THE END!!!

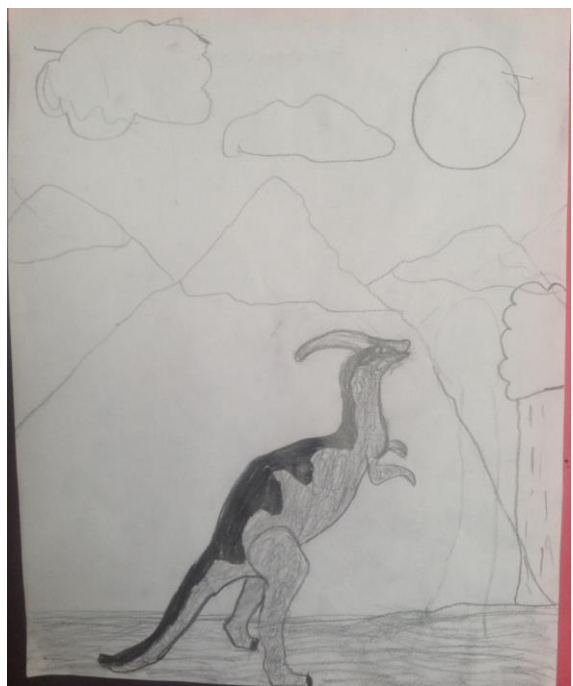
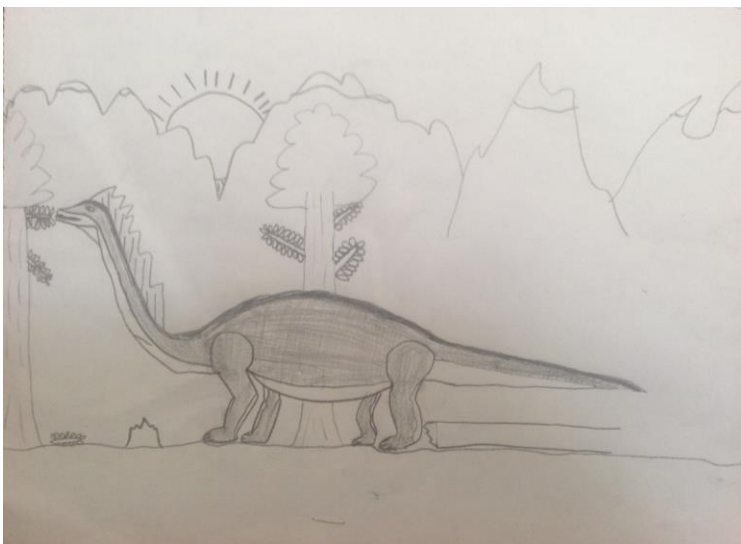
Last month's Mystery Journal was written by Sam, PISF 5th grader

Intriguing Islander of the Month

By Shelby, PISF 4th grader



This article is about an amazing man Dan Jenness, my uncle. Dan has lived on the island for 27 years. His favorite spot on the island is Potters Cove, because it's his real first memory of the island. Dan went to the Prudence School House and Portsmouth Middle School and Portsmouth High School. He met Stephanie Meier in 2005 and married her August 22, 2009. Dan met Steph through a friend (Kim Morris) that went to college with Steph. Dan has been a hunter for fifteen years. The biggest buck he ever caught was an 8 pointer that weighed 150 pounds. The biggest fish he ever caught was 45 inches long and 40 pounds. He loves to hunt, fish, and look for deer antlers. Dan's favorite sport to play is basketball, and his favorite sport to watch is football. He played football in high school. Dan has traveled to San Francisco, North Carolina, Montreal, Maine, Vermont, New Hampshire, New York, Colorado (which he drove from cross-country), Washington D.C., and Maryland. Dan has done five polar plunges. Here's something that not many people know about Dan. He dyed his hair yellow when he was a teenager, and it was spikey. Dan is a great man and uncle. I hope you enjoyed my article about him.



Scenes from Our Classroom



Happy kids getting prepped for Joe history walk



Conduction and Convection Physics Lab



Happy Valentine's Day



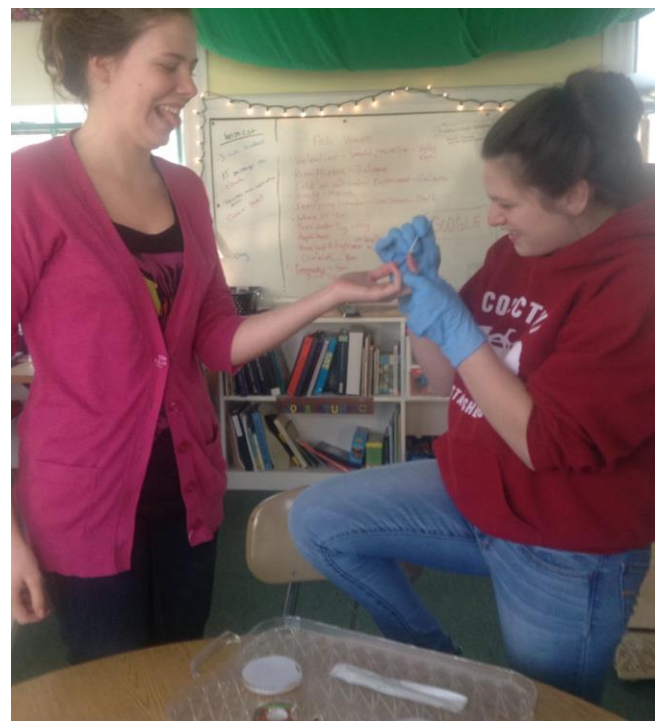
Island History



Lab demonstrating how spiders do not stick to their own webs



Happy birthday to Joe!!



Culturing bacteria in Biology