



The Prudence Wave

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millions of mud snails. We only had 10 minutes there too. We wrote what we found and then made a picture of one of the things we found. I drew a carpenter bee.

On June 1 we saw the big burn that helped the pine trees by getting rid of the invasive plants. I saw a turtle but when I picked him up he was dead. He died because of the burn. He was just about to get in the turtle shell but he died.



On June 6th we went to Slater Mill. It was really cool. The water wheel was really loud. We got to see some stuff work. They were all really loud. After that we went to Lindsay's house and it was fun. Then we went to the park. We got really dizzy because most of the stuff spun.

Field Trips

By Esther, gr 3



square.

On another Friday we went on a bio blitz at division wall. We got 10 minutes to find as many plants and animals as we could. Then after we went to Apple Tree Beach and there was a lot of egrets. There was also a lot of osprey and

This spring we went to NEBNERR a few times to do science activities with Maureen. In April we talked about invasive plants and animals. After that we got big tubes and connected them in to a square shape. Then we put them on the beach and counted the crabs in the

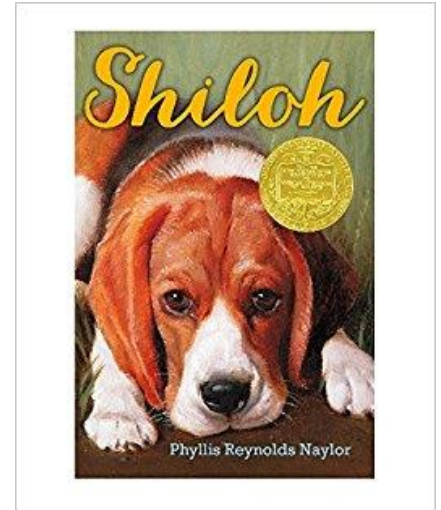


Shiloh

By Aribella, gr 5

Esther, Edgar and I are reading a book called Shiloh.

Shiloh is a Newbery Medal-winning children's novel by Phyllis Reynolds Naylor published in 1991. Naylor decided to write Shiloh after an emotional experience in West Virginia where she encountered an abused dog.



Shiloh is about a kid named Marty Preston, who has a poor family. In chapter one Marty asks his parents if he can go for a walk, on his walk he sees a little beagle. The beagle comes after a long time of calling when Marty whistles. The dog follows Marty home and his parents say the dog is Judd Travers' new beagle. They bring the dog back to Judd and on the ride there we learned Judd abuses his dogs, he even shot one of his own in the head, he cheats people, and if he doesn't like you he tries to spit tobacco at you.

Marty calls the beagle Shiloh hence the name. Shiloh comes back to Marty and so he hides Shiloh in the woods that surrounds his house. He builds a pen by himself. The pen has a short fence but Shiloh never jumps the fence. In the following week everything seems fine until the end of the chapter when Marty's mom follows him up the hill in to the woods to the pen where Marty hid Shiloh. She says she won't tell, but that night a big German shepherd attacks and almost killed Shiloh. Marty and his dad bring Shiloh to the vet, Shiloh survives and Marty's parents let Marty keep Shiloh till he feels better. Judd finds out that Marty had Shiloh and comes and says that Marty can pay the vet bill but Judd wants Shiloh back by Sunday. There is no way Marty will give Shiloh back now that he is so attached to Shiloh.

What can Marty do now that Judd knows Marty had Shiloh all along, maybe Judd will have a change of heart.

I don't want to spoil the ending, so in order to find out what happens you have to get the book or ask me. Right now I am reading the next book Saving Shiloh.

PISF WISH LIST

*toilet paper *all purpose cleaner *Paper towels *Printer Paper

Questions please contact Stephanie at scmjenness@gmail.com

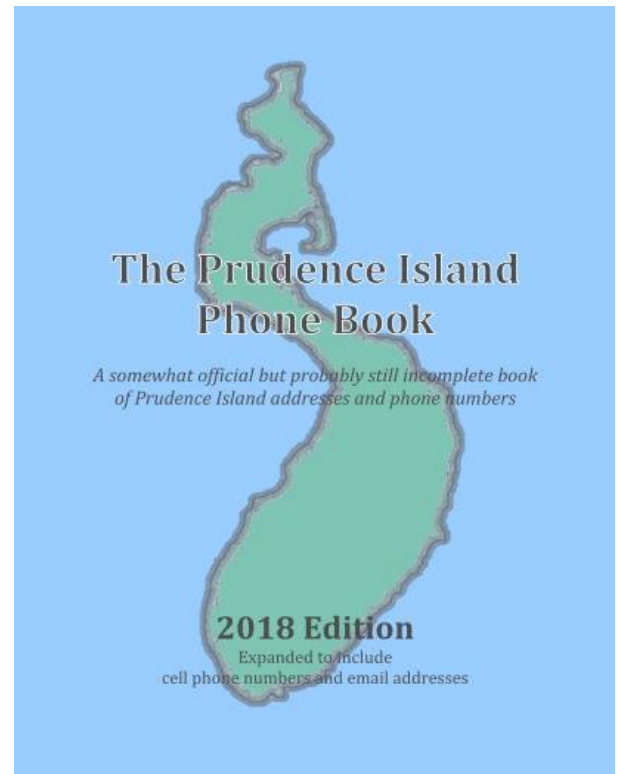
IT'S FINALLY HERE!

The 2018 edition of the Prudence Island Phone Book will be for sale beginning Sunday June 24!

Sun. 6/24: PI School Open House
Sat. 6/30: Pop Up Market at the PIA

Cost: \$15

All proceeds support the
Prudence Island School
more sale dates TBA



Intriguing Islander

By Morgan, gr 10

Stan Franczyk is the intriguing islander for this issue of the Prudence Wave. Stan and Robyn bought their house on Holbrook Ave in about 2014. They are now year-round residents on Prudence.

Stan came to the island when he met Robyn since she came here as a child. In 2010, they rented a house down here. They then bought an Inn in Rehoboth, MA on a small farm.

Stan worked as an English teacher in Iowa for several years they returned home to MA in 1984. He got a job in Dighton for 29 years as an English teacher again. Later moving to P.I. and working at the dump. Some of Stan's hobbies are reading, gardening, model train sets, and helping with the Beerfest.

YOU'RE INVITED!



Please join us for the Prudence Island School annual
Open House!

Date: Sunday, June 24

Time: 11am-1pm

Location: 0413 Broadway

Fun Facts About Raptors

By Jacob, gr 1



I want to tell you about raptors that can be found on Prudence Island.

1. The American Kestrel has two vertical black markings on each side of his face and on the top of his head he has a bluish gray with a rusty center patch.
2. The Sharp-Shinned Hawk has bluish gray inside of his mouth. They have a dark gray crown on his head.
3. The Red Tail Hawk has brownish red feathers on his back and a pale greenish or bluish green on its beak.
4. The Osprey is 24 inches in length and can be found near lakes, rivers, and coastal areas. They show a distinct crest on their head depending on wind direction. Ninety-

nine percent of their diet is fish.

5. The Bald Eagle eats ducks, snakes and turtles. They can reach speeds up to 100 mph when diving. They can fly 1000 feet in the air. Bald Eagles mate for life. The Bald Eagle can be found all over the USA.

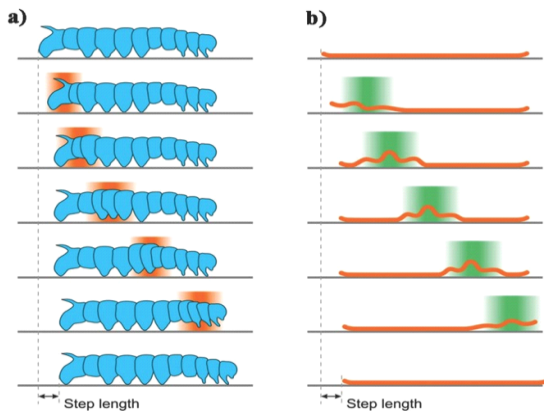
6. Cooper's Hawks have bluish gray backs with rusty brown stripes on their chest. The eye of the Coopers Haw is dark red.

My favorite raptor is the American Kestrel.

Bio-Robots

By Edgar, gr 6

Bio-Robots is a fancy way to say robots that mimic things in nature like animals or even plants.



Caterpillar robot

The robot is a natural-scale monolithic caterpillar robot based on an optomechanical liquid crystalline elastomer with patterned molecular alignment, PHEW! That's a lot... so optomechanical means that it does not use ANY things that are in normal robot like gears and hydraulics. Next, the liquid crystalline elastomer part means that it uses a smart material made of bendy crystal in a way that reacts to laser light. Smart materials are materials that can adapt to the changing environment like in the future there could be materials that change like your car could turn blue if you are sad and your cold toilet seat could turn warm when you sit on it, neat. So it moves like a caterpillar when they shine laser light on it, it bends up in that spot almost like a bump then they move the light along the robot and the bump travels along with the light moving a small “step.” It might not seem like a lot but small robots like this have never been possible before without smart materials that one day might change the WORLD!

Cassie

Cassie is a bipedal robot that appears like a ostrich with just the hips and legs. It wasn't made to look like a ostrich, but they use animals for hints and insight. It is water proof and is made to stay standing in all sorts of environments. It was made at Oregon State University and was developed after ATRIAS and Marlo which was another bipedal robot except Cassie is a third generation robot that could one day deliver your groceries to you even up stairs.

Bio-fridge

This one doesn't exist... yet. By 2050 we might have this new innovation, the bio-fridge that uses micro robots that make a gel. The robots absorb infer-red light and produce green viable light AND use the light that they absorb to power them selves so they use very little electricity

Not sticky, doesn't smell, meat doesn't spoil, taste doesn't transfer. Order it in THIRTY years!

Bio-robots are going to become more and more important because we are going to need them for researching endangered animals and for helping to recover after things like earthquakes and even tornadoes. They can help us with things that are a nusence like carrying groceries and keeping food fresh.

For more information about the school please check out the Prudence Island School Foundation website at

<http://prudenceislandschool.org>

Northern River Otter Survey on Prudence Island

By Jacob, gr. 1

Robin Weber and I studied about Northern River Otters.

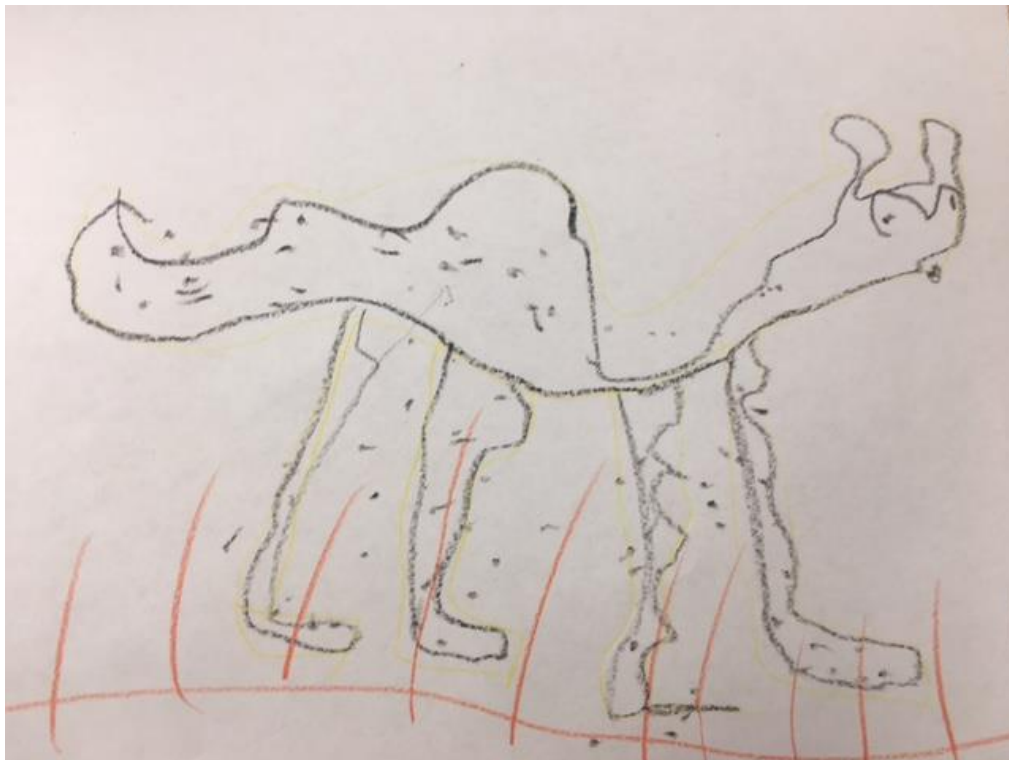
Facts about otters: They look like torpedoes in the water. They can weigh between 11 and 30 pounds and they are about 26 to 40 inches. They can live 8-9 years in the wild but can live to be 13 years in captivity. They live in dens on the side of river banks or streams near wetlands in fresh water and salt marshes. They take over other animals dens. Otters eat fish, crustaceans, reptiles, amphibians and birds. They breed in early spring. Female otters are pregnant for 290 to 380 days. The pups are born between mid-winter and early spring.



I wrote a survey and gave it out to islanders to fill out. Ten people filled out the survey. One islander caught 2 otters on a trail camera and one otter hopped on the other otter's back and looked into the camera. Most of them were sighted from January to March. Four of them were sighted this year and four from one to three years ago and three were seen more than 10 years ago.

I used a map of Prudence to show where they were found. Two were found in the marsh near Potters Cove, one near the old dump, three were spotted in the marsh at the old Cable Crossing, and three more seen in the marsh near Apple Tree Beach.

I enjoyed this project very much because I learned a lot about otters and I really wanted to learn about them.

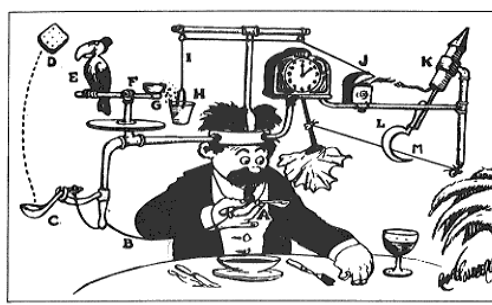


Wyatt's Cheetah Picture

Rube Goldberg Machines!

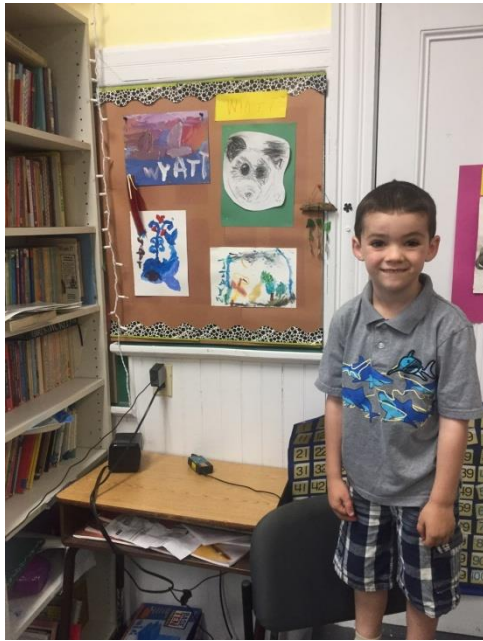
By Edgar, gr 6

Self-Operating Napkin



Rube Goldberg machines are machines “intentionally designed to perform a simple task in an indirect and overcomplicated fashion”-Wiki. Using the domino effect to transfer energy to one part of the machine to another by; in the picture the man puts the spoon to his mouth activating the first...”contraption” which does the next and next and... you get the picture. We made one in the PIA and on take four it WORKED! Though it was simple... in fact the most complicated one in the world is the Purdue Machine! It's supposed to replicate the passage of time, it start with the dinosaurs and went to the space age... I love the space age. The mouse trap board game is a Rube Goldberg Machine. Rube Goldberg was a cartoonist that drew pictures like the one above! There is a contest about Rube Goldberg machines so better start creating!

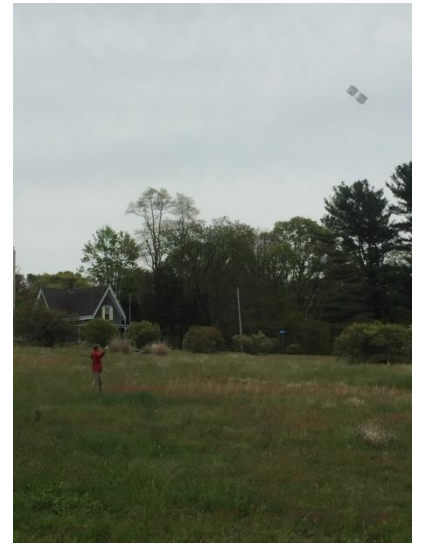




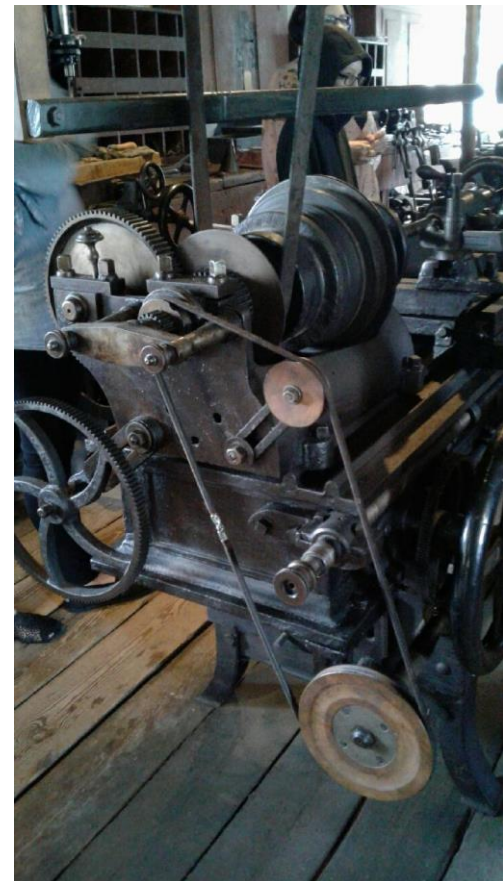
On Friday June 15th the students got to show off their best art work



Box Kit



Field Trip to Slater Mills



Horseneck Beach



Farewell Mrs. Lindsay we will miss you

