Ruth Bader Ginsburg: Champion for Change

By: Lena

On March 15, 1933 in Brooklyn, New York, Nathan and Celia Bader welcomed a baby girl into their family whom they chose to name Joan Ruth Bader. Nathan was an immigrant from Odessa, Ukraine and he and Celia raised their family in the Jewish faith and traditions. Looking into their baby’s eyes, they had no idea how much this child would change the world.

Joan was a popular name in the 1930s so she decided to go by Ruth. When Ruth was growing up, people were treated differently because of gender, skin color, and religion. Her mother was not given the opportunity to attend college because she was a girl, but worked in a garment factory to help pay for her brother’s college education. This had a big influence on Ruth growing up and her mother always taught her to study hard and not let anyone discourage her because she was a girl. At her school, girls were forced to take classes on sewing or baking. Ruth was a horrible chef, but loved to sing. She was in a chorus, but the chorus instructor told Ruth to mouth the words because she could not carry a tune. Ruth continued to sing as loud as her heart desired, despite the discouraging comments from her teacher. Ruth, a Jewish girl, would get very angry when she would see signs saying “No dogs or Jews allowed” or “Colored not welcome”. These demeaning signs made her want to fight for better treatment for minorities and equality for all.

Ruth’s mother died the day before her high school graduation. Ruth was devastated, but knew that her mother would want her to continue her education. Ruth continued to excel in school and set off for Cornell University. She graduated at the top of her class with a Bachelor of Arts degree in Government. A month after graduation, Ruth married Martin Ginsburg, a man she had met at Cornell. Ruth and Martin had two children, James and Jane. Ruth attended Harvard University Law School where she was one of only nine women and five-hundred men. The Dean of Harvard Law asked all the female law students, “Why are you here, taking the place of a man?” She did not let this bother her and became the first female member of the Harvard Law Review. She transferred from Harvard Law to Columbia Law school to be with her husband where she earned her law degree and again graduated first in her class.

Even though she did very well in school, Ruth had difficulty finding a job because she was a Jewish woman. She was determined to fight for gender equality. Eventually, Ruth taught at Rutgers University Law School and at Columbia University, where she became the school’s first female tenured (permanent) professor. During the 1970s, she also served as the director of the Women’s Rights Project of the American Civil Liberties Union and argued six cases on gender equality before the U.S. Supreme Court. After all her hard work, President Bill Clinton, appointed Ruth Bader Ginsburg as the second female Supreme Court Justice on August 10, 1993. The Supreme Court is the highest federal court in the United States and has power over all other courts in the nation. Ruth was involved in many important court cases and decisions that led to equality for women and minorities. She received the Thurgood Marshall Award (an award honoring Supreme Court Justice Thurgood Marshall, who also fought for equality for all) for her contributions to gender equality and civil rights. Ruth is currently 85 years old and still sits on the Supreme Court.

I first learned about Ruth Bader Ginsburg on my seventh birthday when my Grandmother gifted me with the book, I Dissent, written by Debbie Levy. This book is about Ruth’s life and how she found inner strength and courage to succeed and change the world. She inspires me to fight for issues that I am passionate about and to never let anyone discourage me from following my dreams. I hope she will have the same influence on you. As Ruth once stated, “Fight for the things that you care about, but do it in a way that will lead others to join you.”
Science Spotlight: The Incredible Birds: Rufa Red Knots

By: Gabriella

What are migratory birds? Migratory birds fly to different places at certain times of the year to stay warm, find food or breed. Canadian geese, ruby-throated hummingbirds, American goldfinches, and rufa red knots are all migratory birds. But few birds travel the extraordinary distance that rufa red knots travel.

Calidris canutus rufa, also known as rufa red knot, is a small shorebird that migrates from the bottom of the world (the southernmost tip of Argentina) to the top of the world (the Arctic Circle). Rufa red knots are a subspecies of red knots. There are five other subspecies of red knots but only rufa is plunging toward extinction.

Rufa red knots fly a total of about 18,000 miles per year in their migration, so each way of their journey (Argentina to Canada, Canada to Argentina) is about 9,000 miles. Compared to monarch butterflies, rufa red knots fly much further than the monarch’s migratory journey of 1,000-2,000 miles! Rufa red knots make an amazing journey, and considering that they weigh around five ounces, their trip is even more incredible.

Astoundingly, rufa red knots make only three stops during their entire way from southern Argentina to their breeding grounds in the Arctic Circle. A single leg of their journey can be up to 5,000 miles—that’s without stopping! They must be at their specific stopover locations in a very short window of time; for example, at their Delaware Bay stopover, the only time that their food (horseshoe crab eggs) is abundant is during the last two weeks of May.

One bird, tagged by scientists as B95, has been nicknamed Moonbird, because he has flown approximately the distance to the moon and nearly halfway back! He has been spotted numerous times by researchers and the last time he was captured, he was at least 20 years old, which makes him the oldest known rufa red knot on record. Scientists wonder, “How is it possible for one bird to survive for so long and so many others not even make it through their first year?”

In Argentina, rufa red knots’ diet is spat, which is the babies of mussels (they have soft shells because they are not fully developed yet). On the menu in Delaware Bay is horseshoe crab eggs. In the Arctic Circle, they dine on insects.

Rufa red knots are truly amazing birds that take an enormous, dangerous journey to breed in the Arctic. Once they get there, they have to watch out for Arctic foxes and other predators. If you go to Delaware Bay during the last two weeks of May, make sure to check out these wonderful shorebirds!

Credits: Moonbird: A Year on the Wind with the Great Survivor B95, by Phillip Hoose

Walk Or Bike To School Day:

By: Helen

Several 5th graders have organized a Walk to School Day for the HES students. Parents can decide if their children should be accompanied by a family member or if they should walk alone. Students will meet HES Staff at the town common between 8:15 and 8:30. Families should go to the Town Hall parking lot to drop off students. The students and staff will then depart the commons at 8:30 with the Harvard Police to walk to the school. Families may join them in the walk to HES. Students may also bike depending on the weather. The upcoming dates are March 5th, April 3rd, May 9th, and June 7th.

Safety Tips:
• Wear bright clothing.
• Watch out for potential ice on the ground.
• Dress appropriately!
• Look both ways before you turn and make sure drivers can see you.
• Always stay near a trusted adult—don’t wander off!

Credits: Moonbird: A Year on the Wind with the Great Survivor B95, by Phillip Hoose
Mad Lib

By: Harrison

This February vacation _________ and I went to_________. It was so________! We saw a________ and a________. There were even a couple of________ and they were ________.

We also saw a store that sold a bunch of________. I had twenty dollars and spent it on a________. It was so________ and it ________. After shopping we went to a restaurant, we ate ________ and drank ________. We met up with ________ and ________ then played ________. ________! It was so________. I told my________ all about it, and they said that sounds ________! I'll never forget that experience!
Is this a Good Book?

By: Christina and Margaux

On a scale from 1 to 10, here are how some people rated the following books. If you don’t have a book on your mind or you have nothing to read, feel free to take a look at one of these books at the library. They are mostly fantasy, so if fantasy is not your style, sorry! Also, we would only recommend these books for grades 3 through 5.

![Book Rating Chart]

Ask the Editor

By: Lena

This month’s question was asked by Eric, a kindergartner in Mrs. Niland’s class. Eric asked, “Why do cheetahs have spots?” The cheetah is the world’s fastest land animal and can reach a top speed of 70–75 mph (miles per hour) in just 3 seconds.

“Why do cheetahs have spots?”

—Eric, kindergartner

According to the World Wildlife Fund, the name cheetah comes from the Sanskrit* word “Chitraka,” which means “the spotted one”. Cheetahs have short fur that is tan with round black spots. Not only is their fur spotted but they have black spots on their skin! The black fur actually grows out of the black spots on their skin. The spots act as camouflage and help the cheetah hunt for prey without being noticed. The spots help the animal blend in with the tall, dry grass in the grasslands and grassy savannah plains; the cheetah’s natural habitat. The cheetah also has “tear stripes” from the corner of the eyes down to the outside edges of their mouths. These “tear marks” help reflect the sun’s glare when they are hunting and stalking prey. “Tear marks” work similarly to the black marks that athletes put under their eyes during sunny games but not even the fastest athlete can come close to running as fast as a cheetah! Thank you Eric for asking this month’s question!

*Sanskrit is an ancient Indo-European language of India

Keep an Eye Out

By: Lena

You may have noticed something weird going on with the stairs in the second grade wing. Mrs. Ayles and some students from the Student Leadership Group have been hard at work on a project called, The Learning Stairs. This group plans to paint basic math facts on the stairs to allow students to see them while they are going up and down the stairs. The intent is to help students memorize their math facts in a fun way! This group will continue to work on the project over the next couple of months. Stay tuned for more information and photographs in future editions!

Call for Contributors!

Any 3–5th graders may attend The Husky Headlines meetings. Look for meeting announcements in the HES email newsletter. We are looking for more artists, illustrators, and photographers.

Students in grades PreK–5 may submit illustrations and photography; please send to smulcahy@psharvard.org.
The Fluff Squad By: Siena

Favorite Lunch at HES: Mrs. Crittendon’s Class By: Saya

- Pizza: 10 votes
- Sub: 1 vote
- Meatball: 2 votes
- Chicken and Waffles: 2 votes
- Other: 2 votes
Staying Healthy During Cold & Flu Season
Tips and Tricks from Mrs. Sintro, Nurse Dawn & Diane the Lunch Lady

By: Lena, Vineet, Jacquie

It’s that time of year for sniffles, coughs, and sneezes. No one wants to be feeling under the weather, so our experts have shared some ways to stay healthy during this cold and flu season.

Mrs. Sintro’s Tips to stay healthy:
• Keep your hands away from your face
• Wash your hands frequently (use warm water with soap for 20 seconds)
• Eat lots of fruits and vegetables
• Be active for at least one hour per day
• SLEEP!! (9–11 hours per night)
• Stay hydrated with water; not sugary drinks

Nurse Dawn’s Tips to promote a healthy school:
• Wash Hands
• Keep classrooms clean
• Keep track of different illnesses going around the school
• Promote healthy nutrition and hydration
• Stay home from school when you are sick
• Do not share water bottles or utensils
• Get plenty of sleep and have a good balance of rest and play

Diane the Lunch Lady’s Tips for staying healthy with a good diet:
• Eat a healthy breakfast
• Drink lots of water
• Choose heart healthy foods such as bananas, chicken, and carrots

Diane’s favorite food is hummus and vegetables and she says that the most popular selling healthy food in school is the veggie tray with cucumbers and red peppers. YUM!

Staying Green

By: Laci

Although our school is a contributor to pollution, we are trying to go more green. For example, our school used to have straws for our milk but our school decided to not use the straws because the straws were getting into the ocean and finding their way up turtle noses. In the cafeteria we have a compost bin. In it we can put fruit and vegetables that goes to farms for their pigs to eat. According to recyclingworksma.com, an average elementary student throws away about 1.13 pounds of food per week. You may not think that’s a lot but there are 10 months in the school year so each student throws away an average of about 40 pounds each year. In our the school, there are 453 kids. Imagine if everyone threw away about 1 pound each week! That would be more than 453 pounds thrown away each week.
The Dust Bunnies
Part 2: One Sticky Solution

Written by: Ellie, Helen, and Khivi
Illustrated by: Siena and Katie

Previously on The Dust Bunnies...

Bolting towards the vacuum, Sugar and Sherman placed the objects on the floor waiting for the vacuum to swallow them up.

“Let’s hope this works,” worried Sugar.

“Oh, it will,” replied Sherman.

Continuing from Part 1:

“There’s no time to lose!” yelled Sherman. He was bolting towards the Town Hall with Sugar right behind him.

“We need to get more objects to put into the Vacuum Two-Thousand!” Sugar said with a parched mouth.

When they arrived at the house, all they could find was a pair of dirty socks and a wrinkled gum wrapper.

“This isn’t enough to clog the vacuum,” fretted Sugar.

“Buy me some time and I’ll find more objects,” said Sherman, scampering into the dark.

Sugar grabbed the wrinkled gum wrapper and the pair of socks and scampered towards the vacuum.

Trying to be as stealth as possible, Sugar placed the objects near the vacuum and sprinted away.

-Meanwhile with Sherman-

“Now, I am pretty sure that there is a glue bottle somewhere around here,” thought Sherman while he hurriedly looked through his pile of junk.

“Just found my sticky solution,” Sherman thought.

Sherman snatched the glue bottle and headed off to find Sugar.

When Sherman found Sugar, he quickly told her about his plan.

“All we have to do is squirt the glue into the gears so the machine will no longer function,” explained Sherman.

“That’s a brilliant plan! Why didn’t I think of that?” questioned Sugar.

“Well, let’s go!” Sherman yelled.

“Wait! How are we going to get the glue into the vacuum?” worried Sugar.

“Um…well I haven’t got that far in my plan,” stuttered Sherman.

“We will have to see when we get there,” said Sugar.

But as they thought of this, they heard cackling laughter from the distance. Soon, they realized what the strange noise was. It was the old lady, coming to vacuum them up.

The ground was shaking as the lady got closer and closer.

“Ahhhh!” screamed the townsfolk.

As the lady came around the corner, Sherman and Sugar stood their ground. They squirted the glue right in the lady’s path and waited for the lady to get closer.

“End of the line, bunnies. You don’t stand a chance against Brunhilda, the great and powerful cleaner!” boasted the cleaning lady.

“I don’t think so, old missy!” said Sugar loudly enough that Brunhilda could hear it.

Brunhilda started charging towards them, while Sugar felt a tingling sensation running through her spine.

The vacuum charged closer and closer. As soon as it hit the glue, it seemed to slow down.

“Oh, FuDgE sTiCkS!” the lady huffed under her breath. “My motor seems to be jammed with some type of sticky resin,” continued Brunhilda.

A sigh of relief past upon the dust bunny colony. The vacuum was clogged and they were safe!

“This ain’t the last time you’ll see me! I promise you with all my heart, I will eventually suck all your lil’ cotton tails up. Well in the meantime, sayonara!” waved Brunhilda as she forcefully kicked the door open and went off into the darkness.
The Great Big Robot is Made!

By Cole and Mathias

Long after Japan won World War VIII in 5091 and the Statue of Liberty was relocated to New Tokyo City and renamed Mottomo Takai Chozo, which translates to Statue of Most Highest, Sora, a genius Roboticist and wanted criminal, found refuge in the left eye of Mottomo Takai Chozo.

He was making a giant robot to defend himself from the Heytai, Japanese soldiers that are always in a bad mood because there was not a parade around every corner exclusively for them. He had equipped THE ROBOT with powerful rocket boots. Sora began building the robot hoping that he would have enough materials. By his calculations, he was 89% done. To finish, he needed plutonium and seroniam, special types of metal that are nearly indistinguishable from graphene. And some maridom, a crystal that produces white fire fuel only for rocket suits or boots. He would not go to Hawaii to get maridom because that mine closed during the war and because of the obnoxious desire to party with people in Hawaii. Instead, he would go to Mars.

He telepathically called his rocket suit and starting at his feet, the suit climbed up his legs and up his body. And almost immediately, his cybernetic bands connected to the suit and he was one with the suit. The absolute worst part of the sequence was the neck because it felt like putting on a necktie that was too small.

When the suit got to his head, it asked him if he wanted to have a face mask. "Would you like a face mask good sir?" "Of course I want a face mask you ridiculous doit!" And with that, the world turned a blue tint.

Sora's rocket suit was low on gas, so he took a slight detour to Hawaii and while doing so he was hit by a UFO: an unidentifiable flying object, otherwise known as a random civilian flying a rocket suit. Down went Sora. It was not a very good landing for he landed perfectly on the exact center of his backbone on the

As he knelt down on the ground, he could feel the dirt on his palms and he heard the eerie sound of scraping metal.

very tip of a ledge on a volcano. A genius getting hit by a amateur flyer. This was one of the most embarrassing moments of his life but he got off in a wobbling/staggering state.

The crash-landing left Sora in great pain for the next eleven hours. He did manage to find a good place to sleep, an ocean hotel called The Ideal Place for Slumber.

Back in the eye of Mottomo Takai Chozo, the robot awoke. His very first words were, "I am your leader." He said this because he was a flagship and his team was gone. He then punched the window and took a running leap out of it to go to his maker and ask him where his team was. His systems were tracking Sora's rocket suit. He knocked some Heytai out of the way and just kept on going toward the signal.

Sora had the worst dream ever. In it, a giant robot came crashing down to Hawaii like a torpedo and would not leave until he had eaten every last building. In the morning, Sora thought that the robot in his dream was related to the robot that he left in Tokyo.

The next morning while the Roboticist was out getting a coffee, his awful nightmare came true and a gigantic flaming figure came crashing down and destroyed his hotel.

Sora was angry because all his stuff was smashed in the wreckage. As he knelt down on the ground, he could feel the dirt on his palms and he heard the eerie sound of scraping metal. On top of all that, he heard the terrorizing sound of boars stampeding. He looked up from the ash covered ground and saw the outstretched arm of a shadowy figure arising from the smoking blazes. The arm he later found was attached to an inhuman head. Suddenly, in a great flash, the arm opened its enormous hand and blasted a powerful stream of water to put out the infinite blazing fire.

Finally, when Sora got into what was left of the hotel, he was in the the shadow of a colossal figure that was his own making, the flagship of Fleet 68, otherwise known as the GREAT BIG ROBOT. It was trapped in its own parachute that was meant to help save the robot's team of Fleet 68 in this type of occasion. So here was the GREAT BIG ROBOT, trapped.

TO BE CONTINUED...
Here is a fact about basketball. In 1985, Michael Jordan was fined $5,000 by Commissioner David Stern for showing off the first of his series of high-tops for every game he played them in.

On January 9, the Jazz escaped a 21-point deficit to beat the Magic. Donovan Mitchell scored 33 points and added 7 assists as the Utah Jazz rallied from the 21-point deficit.

NFL Divisional Round Playoffs: Colts vs. Chiefs, Cowboys vs. Rams, Chargers vs. Patriots, Eagles vs. Saints

On January 10, 2019 these were the NBA standings for the eastern conference,


And for the western conference, Nuggets 27 wins and 12 losses, Warriors 27 wins and 14 losses, Thunder 25 wins and 15 losses, Clippers 24 wins and 16 losses, Trail Blazers 25 wins and 17 losses, Rockets 23 wins and 17 losses, Spurs 24 wins and 18 losses, Lakers 23 wins and 19 losses, Jazz 21 wins and 21 losses, Kings 20 wins and 21 losses, Timberwolves 20 wins and 21 losses, Pelicans 20 wins and 22 losses, Grizzlies 19 wins and 22 losses, Mavericks 19 wins and 22 losses, Suns 10 wins and 33 losses.

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**Harvard vs. Harvard** By: Harrison

Left to right: Noah, Justin, Ryan, Julian, Drew, Alex, Campbell
AFC Championship

On January 20th, the Patriots won the AFC championship in one of the most wild playoff games in the past few years. In the first half, Brady was well able to move down the field making the Chiefs defense look almost bad. The Pats first drive lasted about seven minutes. Rob Gronkowski had a few good first down catches. The first drive was when Patriots’ running back Sony Michel was at his best, scoring the opening touchdown. When the game went to halftime the score was 14 to 0. This was the first time the Chiefs had been shutout in the first half all season. The second half went way differently. Apparently, the young Patrick Mahomes doesn’t mind pressure.

Eventually the game started going back and forth. One team would score, then the other team would score. When it was 17 to 14, it looked like Julian Edelman touched the ball when he was returning a punt. The Patriots challenged the play. After about four minutes of review, the call was overturned. About two plays after that, Brady threw the ball to Edelman, but it went right through his hands, and was intercepted. Later, that drive the Chiefs scored a touchdown to make the score 21 to 17 in their favor. With less than a minute to go on third and ten (meaning one more try to get ten yards), he caught a diving catch that changed the game. With about 0:06 on the clock, the Chiefs’ kicker Harrison Butker kicked a field goal to tie the game at 31.

The game went to overtime and the Patriots won the coin toss. In the first (and only) drive in overtime the Patriots had three third and tens but thankfully Edelman and “Gronk” were there to save the day. Again, the game ended when Rex Burkhead made a perfect run right through a gaping hole in the defensive line for the winning touchdown. Thankfully, Mahomes never touched the ball in overtime.

Super Bowl LIII

The legacy continues. Tom Brady and Bill Belichick won another Super Bowl. That is the team’s sixth super bowl, which is tied with the Steelers for the most ever Super Bowl victories. However, all the Pats’ wins were led by Tom Brady and Bill Belichick. On Sunday’s game, it wasn’t so much Brady who led the team to victory; it was the defense. The Patriots were able to stop a historically good offense. At the line of scrimmage, they were able to shift around, so Jared Goff, the Rams’ quarterback, didn’t really know who was dropping back to cover or who was going to rush him.

Even though the offense only scored one touchdown, they weren’t bad either. Super Bowl MVP Julian Edelman was there when the Patriots needed him most. On the Patriots last drive, which was caused by Stephen Gilmore’s interception at the three yard line, two impressive runs took place. One was a twenty-six yard run starting at the three yard line by rookie Sony Michel, and the other by AFC championship hero, Rex Burkhead, with a very impressive run that got the Patriots to about the fifty. One of the most important plays was when a double teamed Rob Gronkowski caught a diving catch at about the Rams’ two yard line. This win makes this Patriots’ dynasty the best football team of all time.

Combined, all Boston sports teams have won twelve championships since 2001. “Congratulations and thank you for ending our three month championship drought,” said the Red Sox to the Patriots. This symbolizes how lucky we are as Boston sports fans.