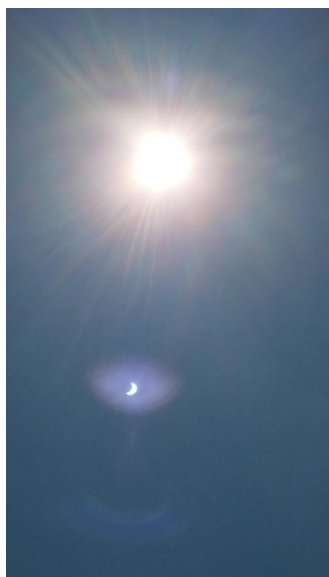




## Holly Ridge Middle School **HORNET HEADLINES**

### Inside this issue:

<b>GLOBAL NEWS</b>	<b>Pgs. 2-6</b>
<b>NC State Fair</b>	<b>Pg. 7</b>
<b>HORNET NEWS CLUBS</b>	<b>Pgs. 8-16</b>
	<b>10-12</b>
<b>SCIENCE &amp; TECHNOLOGY</b>	<b>Pgs. 17-19</b>
<b>SPORTS</b>	<b>Pgs. 20-21</b>
<b>HORNET SPORTS</b>	<b>Pgs. 22-23</b>
<b>IT'S A Matter of Fact</b>	<b>Pgs. 24-25</b>
<b>Holiday Traditions</b>	
<b>FEATURES</b>	<b>Pgs. 26-27</b>
<b>TRENDING NOW</b>	<b>Pgs. 28-29</b>
<b>Fashion Trends</b>	
<b>EDITORIALS</b>	<b>Pgs. 30-32</b>



Eclipse seen from Bass Lake, Holly Springs.

## The Great American Eclipse

By Rowen Bruscia

The Great American Eclipse occurred on August 21, 2017, and millions of people across the country experienced one of nature's most spectacular events. If you do not already know, a solar eclipse is when the moon passes in front of the sun and the earth during a short period of time making it appear as if it were night time. During this year's eclipse the path of totality, the completely dark part, ran from Oregon all the way to South Carolina and was partially viewable in some parts of Africa, South America, and even Europe.

This is the longest eclipse over the United States. The eclipse was expected to disrupt the normal process of plants and animals, and even birds of flight to fly home to sleep in the middle of the day. The temperature will drop, and even in the path of totality, you will experience feeling 1.7 ounces lighter.

Eclipses have been watched for thousands of years by humans, and the clay tablets of the ancient city of Babylon provides evidence. Viewers must beware to ensure that everyone stays safe during the eclipse by wearing special glasses that are approved safe by NASA.

All Holly Ridge faculty and staff returned for their first day after the summer vacation on the day of the

eclipse with an event at Bass Lake in Holly Springs. Other members in the community were also at Bass Lake to view the eclipse and go boating, hiking, and fishing.



[Photo courtesy of Twitter Feed]

Others traveled to South Carolina where the path of totality occurred. Eighth grader Charlie Butts was visiting his uncle. Madeline Melton was at Myrtle Beach, and her family made the short ride for a better view.

The Eclipse officially ended near Charleston, South Carolina at 2:48 PM Eastern time and proved to be a beautiful sight. This was a scientist's dream because the last eclipse over the United States was in 1979 and the next one won't be for another seven years in 2024. But until then, keep watching for more moons.

## Hurricane Harvey Wreaks Havoc

By Madelyn Melton

Another Hurricane, another disaster. Winds to 132 mph and 27 trillion gallons of water all dumped on Texas. What could be any worse?

Hurricane Harvey struck near Corpus Christi on Thursday, August 17 2017. The category 4 storm, devastated the citizens and destroyed their homes. Hurricane Harvey was only the beginning of the repeating hurricanes coming upon the shore.

Hurricane Harvey met the residents of Texas and destroyed mostly everything due to flooding. Harvey was actually way stronger than hurricane Katrina and Rita. Harvey was the start of many of the many hurricanes this "season".



Why do we have a hurricane season? The temperatures meet up with the winds and the water at the same time that everything is proper enough to create a hurricane. Since this was a natural cause, there was nothing to be done to stop it.

As Harvey continued to pour down, Annie Smith at 32, went into labor. Her husband called 911, but got no answer. Both of the Smiths were doctors, and decided to birth at home. Before they could, local firemen came. They created a human chain right outside the Smiths door above the water for Annie to crawl across. She made it safely onto the truck.

The Spencers live in Houston, and order Chick Fil-A for breakfast every day. During Harvey, the Spencers' bottom floor had been flooded., and they were stuck upstairs. They called Chick-Fil-A, and one of the rescuers on jet skis rescued the couple.

[Photo credits: Above Left- NBC Sports.com

Above Right-ABC News.com

## Hurricane Irma 2017

By Candace Hiruy

On Monday, September 11, 2017 Hurricane Irma hit Florida. More than 6.2 million homes in Florida were without power and scores of people were being rescued. More than 160,000 people were thought to be waiting out the storm in shelters across the state. At least ten people were killed when Irma tore through Cuba during the weekend. Hurricane Irma hurt animals, like snakes and other different kinds of creatures. Cars were also destroyed by trees. Hurricane Irma was one of the most powerful hurricanes ever recorded with wind speeds at 150 miles per hour and stronger gusts as this 'monster' churned through the Caribbean and headed toward Florida.



When it smashed through much of the Caribbean, Irma was a Category 5 storm, which means it sustained winds of greater than 157 mph. Winds that strong can destroy framed homes and many masonry structures that were not reinforced.

Forecasters predict that Irma's damage was maybe more tornado like than the devastation wrecked by typical hurricanes that come in the eyewall area to the front right of the eye. When Irma was a Category 5 hurricane, it was so big and powerful that the damage zone could be extensive, regardless of exactly where its center tracks. The hurricane force winds extended outward up to 70 miles away from the center of the storm. It has already killed more than a dozen people and left the island of Barbuda almost uninhabitable. Many people were getting ready for the hurricane because the different weather forecasts gave a warning. The hurricane made landfall moving into Orlando and then into other parts of Florida.

Justin Bieber, Demi Lovato and other celebrities left words for those who were attacked. Every penny of your gift today will go toward recovery efforts to help families and pets.

## Hurricane Maria

By Izzy Sachs

Hurricane Maria hit San Juan, Puerto Rico on Friday September 22, 2017. Maria caused lots of damage and even a few deaths in Puerto Rico, then headed for the Caribbean. It was a category three hurricane when it hit Turks and Caicos. Most people's power was knocked out and it could be months before it comes back.



[<https://www.forbes.com>]

At least fifteen people have been confirmed dead in Dominican Republic and several more remain missing. One person died in the US Virgin Islands, authorities said the death was probably from drowning. A minimum of six people were killed in Puerto Rico.

Flash flooding continues in certain parts of Puerto Rico and the Dominican Republic due to all the heavy rainfall from the storm. These flash floods could be life threatening and could even cause mudslides. The government of the Bahamas changed the warning for the Turks and Caicos Islands and the Southeastern Bahamas to a tropical storm warning rather than hurricane warning.

Maria is having winds of about one hundred twenty five miles per hour (more than two hundred kilometers per hour) with even higher gusts. Moving at nine miles per hour, it was three hundred seventy five miles East-southeast of Nassau, Bahamas.

Heavy rainfall is expected through Saturday in Turks and Caicos. Eight to sixteen inches is predicted, with twenty inches in some places. In Puerto

Rico, there will likely be additional three to six inches. The maximum storm totals at forty inches of rain. Forecasters call for Maria to gradually weaken over the next two days.

Puerto Rico and the Caribbean are getting ships and airplanes full of supplies, food, and water. Over ten thousand federal employees are in Puerto Rico and the US Virgin Islands helping with rescue, research, and moving goods. Maria is now headed away from the islands in a North-northwest direction at a speed of nine miles per hour.

## Nate Clears the Way

By Peri Leeds

Hurricane Nate has brought flooding, power outages and much more destruction, hitting places all over the world, like Costa Rica, America, Mexico, Nigeria and many other places.

This year's crushing hurricanes have submerged Houston, wrecked the Florida Keys and destroyed Puerto Rico, but spared the central Gulf Coast, at least for now. Hurricane Nate is the fourth Hurricane that has hit the United States in just over six weeks, making landfall on Saturday, October 7, 2017 in southeast Louisiana, near the mouth of the Mississippi River, as a Category 1 system. It made landfall again hours later, this time near Biloxi, with terrifying wind and heavy rain. Hurricane Nate has dragged in flooding that has flooded highways and poured into the many parking garages and valleys.

Many states, such as Louisiana, Florida, Mississippi, and Texas have been hit by many hurricanes and tropical storms already this year. The governors of Alabama, Florida, Louisiana and Mississippi declared states of emergency ahead of the storm, and counties along the coast issued curfews and ordered evacuations in low-lying areas. Late Saturday night, October 14, 2017, President Trump declared an emergency in Mississippi, as he already had in Louisiana. Even though the hurricane was expected to weaken into a tropical storm as it moved inland, it still had an emotional toll on Mississippi.



## Terror Attacks in the U.K.

By Victoria Kring

Nowhere seems safe in the U.K. In 2017 alone, there have been five terror incidents in the U.K. The latest terror incident in the United Kingdom was on September 15, 2017.

The following are the five terror incidents in the United Kingdom: the explosion of an improvised bomb, hit and run, vehicle attack and stabbing, bomb explosion, and another vehicle attack and stabbing. These have all happened in 2017 and the people who have been arrested for these crimes include: Khalid Masood, Salman Abedi, Khuram Shazad Butt, Rachid Redouane, Youssef Zaghba, and Darren Osborne. The reason for these attacks are unknown.



[Photo Credit: <http://www.aljazeera.com/news/2017/09/suspect-arrested-london-underground-attack-170917072253703.html>]

The improvised bomb was set off on a London Underground train on September 15, more than twenty-five people were injured. The hit and run happened outside of London's Finsbury Park Mosque on June 19th, the attack killed one man and injured eleven others. The second vehicle attack and stabbing took place on the London Bridge and the Borough Market on June 3rd, the attack killed eight people and injured more than forty. The bombing took place just outside Britain's Manchester Arena on May 22, twenty-two people, including children, were killed in the attack. Finally, the first vehicle attack and stabbing took place on London's Westminster Bridge on March 22nd, five people died and fifty people were injured.

"My thoughts are with those injured at Parsons Green and emergency services who are responding bravely to this terror incident." says U.K. Prime Minister Theresa May, talking about the explosion on a London Underground train.

Nowhere seems safe in the United Kingdom now. ISIS has claimed responsibility for two of the terror incidents this year. The explosion of the bomb on the London Underground train is still an open investigation. Will someone strike next or are the chain of terror incidents over? Guess we will have to wait and see. Sources: <http://www.cnn.com/>

## U.S. and Nigerian Troops Ambushed

By Haywood Lane

On Wednesday, October 4, 2017, an ambush on twelve United States Green Berets and thirty Nigerian soldiers occurred. These soldiers were in south-west Niger on patrol and had gone to meet and gather information on leaders related to terrorist groups in the area. On the way back to their camp from the meeting, the patrol was ambushed by approximately fifty ISIS related fighters.

The ISIS members had large machine guns and rocket launchers. Our soldiers were in non-bulletproof vehicles and only had small rifles. A fire fight started and it continued for over an hour before calling in air support. A U.S. drone and a French fighter jet arrived almost two hours later. The drone filmed part of the fire fight. Unfortunately, the French jet could not engage on a target, because they could not tell friendly soldiers from the ISIS enemy. The fight finally ended when our troops had an opportunity to retreat back to their base. When the fight was over there were four U.S. soldiers and five Nigerian soldiers that had been killed.

La David Johnson had been separated from the rest of the patrol almost a mile away from where the fire fight had taken place. He wasn't found until two days after the fight by Nigerian soldiers. His family wants to know what had happened and why he was so far away, but the government and military does not have any information on that at this time.

## Shooting on the Strip

By Kate Riggsbee

This month, our whole country is mourning the loss of the Las Vegas shooting victims. On October 1, 2017, an American man opened fire on a very unsuspecting crowd at a country concert on the Las Vegas Strip. He fired continuous shots for 9 to 11 minutes until taking his own life before he could be caught and arrested. Since he did commit suicide, before telling anyone his motives for the shooting, no one can come to a conclusion about his objectives. It was not classified as terrorism.

Party goers were enjoying a country concert performed by Jason Aldean when the shots rang out. One survivor explained, "When the shots first started, no one quite knew what it was. As soon as someone fell, everyone started screaming and running. It was horrifying."

The shooter was 64 year-old, retired accountant, Stephen Paddock from Mesquite, Nevada, who was found dead on the 32<sup>nd</sup> floor of the Mandalay Bay Hotel and Casino in a room which overlooked the strip. Police say the room had at least 10 rifles in it. More than 500 people were injured and taken to nearby hospitals. Injuries were either from the bullets themselves, or terrified people trampling and barreling into each other.

The shooter's brother, Bruce Paddock, told police on October 5, "I don't know how he could stoop to this low point, hurting someone else." The shooter's girlfriend also said that he showed no signs of violence, and no one ever would've seen this coming.

Local police records showed no reports of Paddock having any trouble with the law, ever. Although, the shooter's father was at one time on the FBI's most wanted list for his role in several bank robberies; but, he never knew his father (<http://www.cnn.com> and <http://abcnews.go.com>).

Police are still investigating and talking to everyone that could've been in contact with Paddock in the days before the attack. All of America is hurting, and dumbfounded at how such evil could exist. Many Americans are donating blood and money to help the victims that are still in the hospital. With almost 60 people dead, and more than 200 still in the hospital, the entire country needs time to rebuild, join together, and heal.

## California in Flames

By Izzy Sachs

On Sunday night, October 8, 2017, California burst into flames forcing twenty thousand people to evacuate their homes. The cause of the fire is unknown, but the investigation is still "very early in the process," states Ken Pimlott, director of the California Department of Forestry and Fire Protection. So far, the fires have left seventeen people dead. All these fires were in areas that are highly populated, and 95% of the fires in the state of California are started by people. There is also a chance that lightning may have played a role in the cause of the fires.

High speed winds also helped in the spread of the fires. The region saw powerful gusts of fifty mile per hour winds, making it easier for the sparks to spread. There were also hurricane-forced gusts of seventy-nine mile per hour winds reported in Sonoma County. The fire easily spread due to heavy vegetation that dried out after a hot summer and dry conditions.



According to the National Weather Service, "winds are likely to pick back up Wednesday, with a possibility of gusts up to fifty miles per hour." On Tuesday, Pimlott told reporters, "when we have a wind event like this ... where you have fifty mile per hour winds bearing down on an area ... every fire that starts has a significant potential to grow into a large fire very, very quickly."

The three largest fires started somewhere between nine and eleven PM. At the time the fire started, most people were already in bed.

- The Tubbs fire, which has burned 28,000 acres in Sonoma and Napa counties, started at 9:45 p.m.
- The Atlas fire, which has burned 26,000 acres in Napa and Solano counties, started at 9:20 p.m.
- The Redwood/Potter fires, which have burned 21,000 acres in Mendocino County, started at 10:36 PM.



## The Lonely Tree

By Grace Carter

There used to be millions; now there's only one, and there is so much more to this tree. The *Encephalartos Woodii* or *E. Woodii* is at Kew Gardens in London. This "lonely" tree was found in 1845 and is still around today. An explorer, named John Wood found this plant and named it after himself.

In the year 1845, John Wood discovered a rare tree *E. Woodii* on a hillside in South Africa, but he did not know how rare it was. This tree has been around for 300 million years and during the Jurassic period it made up 20% of all plants. He then brought the plant to Kew Gardens in London, where it is still there today, marking the 117<sup>th</sup> year. Wood kept looking for more and more of this wonderful tree but couldn't find any.



David Cooke is currently looking over the *E. Woodii*; he has done for 70 years. "You see cycads are dioecious meaning you need separate male and female trees to create a

new one," said Cooke during an interview with CNN 10. They haven't found any females, or even other males. Scientists think they have found a solution. The tree's closest relative *E. Natalensis* is the solution. Scientists think that in about three generations, they will have a full bred of *E. Woodii*s. Scientists have even tried "cloning" a female.

This tree has survived dinosaur extinctions, ice ages, and through modern trees coming in like conifers and pine trees. Hopefully, they can find or create a new female specimen.

## Cholera Outbreak in Yemen

By Grace McDermott

Cholera has killed more than 2,000 people in Yemen. Did you know that the Cholera ward is full of children a lot of the people infected with the disease are children. Also, it is being spread through what they think is food. Food all over Yemen could be infected with the Cholera bacterial disease.

Cholera is an infectious and often fatal bacterial disease of the small intestine, typically contracted from infected water supplies and causing severe vomiting and diarrhea. Cholera is not just some side cold; it is an actual dangerous disease and it is spreading throughout Yemen. Over half of the people that are infected with Cholera are under the age of eighteen. People with O blood type are usually more likely to get Cholera. Most people in Yemen who get the disease more than likely don't have access to clean water.

There are three different types of symptoms of Cholera they range from none too mild to severe. Another common way people can get it is with people with AIDS or children who are malnourished, are more likely to experience a severe case if they become infected. A diagnoses for Cholera is if an epidemic of cholera is suspected; the most common causative agent is *V. Cholera* O1. If *V. Cholera* serogroup O1 is not isolated, the laboratory should test for *V.* to avoid Cholera. The World Health Organization (WHO) recommends focusing on prevention, preparedness, and response to combat the spread of cholera. The most common error in caring for patients with cholera is to underestimate the speed and volume of fluids required. Zinc is one of the most frequent ways to prevent getting the disease.



A young child receives treatment for Cholera in the hospital  
[<https://thepawprintdaa.com/2017/10/22/yemen-cholera-outbreak-is-worst-in-history/>].



## N.C. State Fair

By Melanie Konin

October is full of events from National Pizza month, to Halloween, and this year is the 150th Anniversary for the NC State Fair. The State Fair is always the star of the show. These rides are extremely fun, and people come back every year! From ‘Super Cyclones’ to ‘Alien Abductions’ these rides are always a blast. People come back every year for the amazing fair food you only get once a year.



Here are a couple of favorites, funnel cake, churros, deep fried Oreos, corn dogs, and fries. This is specifically from a North Carolinian’s perspective. The State Fair is located in Raleigh, North Carolina beginning on October 12th and ending on October 22nd. The State Fair is always crowded no matter what time you go, some people go really early in the morning, and some like going at night for the lights. Knowing you are going to the fair is always exciting, and you prepare your stomach for an amazing appetite, and your heart for the rides that are extremely high!

The fair is a time for to ride and see all of the attractions, while you can. When you arrive and smell turkey legs, corn dogs, fries, candied apples, and more. You’ll see the death dropping rides and roller coasters.



The Cliff Hanger goes very high and you literally feel like you are flying. The Sea Ray makes your stomach feel weird and weary. The Super Cyclone makes your heart drop, Emma Smith said, “This made me sick, but I would totally ride it again!” and the Himalaya’s spin you go so fast! Funnel Cake is best served warm with powdered sugar, and is always a fan favorite. Rowen Bruscia states, “Definitely funnel cake.” In addition, Madelyn Melton states, “The deep fried Oreos are the best.”



You will always have fun with family or friends at the fair, an event you don’t want to miss, with deliciously appetizing food, and amazingly sickening rides. After the fair, you will be glad you went, and would wish it would never end. People always look forward for next year! This is only a one time shot each year, so go for it!

[Photo credits: [www.ncstatefair.org](http://www.ncstatefair.org)]

## Woman Bit by Venomous Copperhead

By Kendall Breckenridge

Rachel Myrick was in a Longhorn entrance, in early September, when she was bit by a venomous copperhead that had gotten in her shoe.

Myrick and her family were at dinner celebrating the return of her boyfriend’s brother from Afghanistan. She was bitten three times by a snake in the entrance of a Longhorn Steakhouse on Tuesday, September 28, 2017. “Initially, it felt like I was stung by a bee or a hornet or something,” Rachel told local Richmond news station WTVR. “I reached down and grabbed my foot because of the amount of pain and under my fingers felt it wiggle.” Luckily, her thirteen year old son, and her boyfriend were able to kill the snake before it was able to bite Rachel again.

The Longhorn Steakhouse has replied, saying that its staff is still trying to figure out how it happened, and how it can be prevented in the future.



## “Mums the Word”

By Grace Carter

Have you heard of Mums the Word, Holly Ridge Middle School PTA's fall fundraiser? Everyone involved did a great job raising money for the third annual fundraiser. The greatest amount of money through sales and donations was raised.

The PTA began advertising the “Mums the Word” fundraiser late August through student homerooms. Sales and donations were collected daily by PTA officer, Ms. Jo Haines, through September 15th. On Saturday, the 23rd of September, buyers picked up their fall flowers, Mums and Pansies. The proceeds from the fundraiser is used by the PTA to provide the Ridge with additional technology for staff and students and replace equipment. Not only is the money raised for the school, but it also helps farmers.

This year homerooms competed to see which ones would place the greatest amount in orders. Mrs. Palmer's class came in first place with \$3,889, in second place was Mr. Blas's class with \$1,030 and third place was Mr. Kavanagh's class with \$982.



“Mums the Word” comes from the meaning of keeping something a secret, or ‘don’t let the cat out of the bag.’ “Mums the Word” is over and the PTA sold many flowers, exceeding their goal of \$15,000 to benefit Holly Ridge. The school's goal was \$15,000.00 and raised \$15,402.00! Last year, \$13,002.00 was raised and in 2015, \$10,202.00 was raised, so let's keep the pattern going and continue to increase sales even more next year.

Thank you to everyone who participated, and for PTA officer Ms. Jo Haines for her involvement in making it a huge success this year.

## National PTA Reflections

By Katelin Craven

Have you ever thought what's within your reach? For the month of September and October the PTA are coordinating the annual National PTA Reflections. The theme this year is “Within Reach”. This is your chance to show your creativity to the school. It's your chance to show them what you've got!



This event allows anyone at HRMS to participate. For this event, you will be submitting a piece of art into the PTA. The entry form along with the piece of art will also be turned into the main office. Everything must be turned in to the office by October 27, 2017. To be able to enter, you must turn in an entry form with your art by the specific due date.

All entries must include a title and artist statement! The submissions will be reviewed by experienced artists for your theme, creativity and technique. You may enter as many times as you choose. The categories include literature, musical composition, photography, film/video production, dance choreography, and visual arts (2D or 3D). 1st place, 2nd place and 3rd place winners will be show cased in the display case in the main lobby.

Entrance forms are available at school or at [www.wakepta.org/reflections](http://www.wakepta.org/reflections)

The next edition of *The Hornet Headlines* November/December issue will feature winning entries submitted.



## Blast Off!

By Aesha Mehta

The Trailblazers team is launching off the year with a POW! Mrs. Jesrani's science classes are building and shooting off rockets for practice on how to do a science fair project. They went creative and paint our rockets anyway we liked.

The rocket building took a lot of concentration and thought because if one thing was done wrong, then the rocket would not launch. It was a long, but fun process. They created hypotheses and background reports, everything that you need for a science fair project. From supergluing to painting, everyone was focusing on getting the rocket done, so they could see their hard work fly high. Everything about the rockets had to be perfect, the placing of the fins, the ring in the tube, the top had to be in the exist place. As a result, the rockets looked perfect and everything about them were perfect. They learned things that they didn't even know existed, like dependent variables. Before this experiment, some of them would have been clueless if someone asked them what a dependent variable is, and now they are answering four to five questions about dependent variables. They have heard of the baking soda and vinegar rockets, but this was the real deal.

A few days after the building and the painting, they did the launch. Everyone was excited to get back to the rockets. They waited patiently in line, everybody excited and nervous about the rockets. Mrs. Jesrani gave them a brief presentation what they should expect and how it would launch. They saw the first students, who were launching off rockets, walk off to the empty grass area. It was like watching real astronauts go off into space.

After connecting the rocket to the launch pad, the countdown began, 3.....2.....1. The rocket blasted off and went so high that everybody was cupping their hands over their eyes to try and find the rocket, but it was near to impossible at that point. After that, everyone was looking around, hoping the rocket would not fall on them. They lost that rocket. Kyla Cummings said, "The rocket launch surprised me, because it went like 30 feet in the air!" It was a fun and educational experience for the Trailblazers.



Everyone wanted to get a chance. Some rockets landed in the Holly Ridge Elementary School's field and some landed on the road. This was fun, no doubt about it, a great start of 7th Grade Science!

## Learning Lessons Outside

By Tommy Hannegan

Everyone should go outside; it's fun to learn outdoors. Have you ever been out to the outside learning area? If not you should, it's a great place to learn. For example, you and your class could go learn your math lesson outside. First, you have to ask your math teacher for permission and then your teacher needs go to the school website, go to staff links and hit the link for "Outdoor Learning Space-Signup" to , in check availability for the time slots during the school hours of 8:15 am to 3:00 PM on the master calendar.

This area was created by the PTA at the beginning of the 2016 -2017 school year. There are benches and tables to work at with your class. The rules are the same as in the classroom, so don't play around or be mean to other students. Remember to keep the area nice and clean for other classes to enjoy all these fun options at the school! People should go out there more often, because it's fun to learn and get fresh air at the same time.

## Lacrosse Club Crosses Sticks

By Wesley Parker

Lacrosse is a very popular sport in the state of North Carolina. The sport was invented in 1636 by French Jesuit Missionaries. The Lacrosse club was introduced to Holly Ridge Middle last year and was a huge success. This year, the club's interest meeting was attended by twenty-four students on September 19, 2017 and thirty-one students are joining.



The meetings are held on most Tuesdays at the Holly Ridge Elementary School next door. They start after school hours and end at 4:30, "but it may take us a few minutes to pack up and get to the front of the building," says Trailblazer science teacher Mrs. Marilyn Jesrani, who is the sponsor for the club. Parents pick their players up at the front of the middle school.



[Photo Credits: Ms. Marilyn Jesrani]

The club is run by Mrs. Jesrani and coaches Greenburg and Wasley. They do it all from coaching to planning and getting to know all of the students. The main focus of this club is to help improve skill. Every player needs to wear a mouth guard and can drop their equipment off in Ms. Jesrani's room 415 on the mornings the club meets.

## Writers Club

By Ashlyn McMillan

Did you know that Holly Ridge has a writers' club? Well we do, and it is open to all students in 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grade. The writers club is led by Ms. Palmer, a 6<sup>th</sup> grade ELA teacher on the Eagles team. The writers club is a club for students who are interested in becoming a writer. The writers club only meets a couple of times, they meet on October 4<sup>th</sup> and 18<sup>th</sup>, November 1<sup>st</sup>, 15<sup>th</sup>, and 29<sup>th</sup> and December 13<sup>th</sup>. The reason we have a Writers Club is to let students who love writing become a writer. Thanks to Ms. Palmer for giving up her afternoons so the Ridge can have a club to help students become writers.

Writing can be a way for people to express their imagination. Many writers use figurative language, like metaphors, similes, and hyperbole and many more. This makes the story interesting. Writing affects the brain in many ways; it reduces stress levels, because it calms the brain down. When writing, you should relax your hand more so it doesn't hurt. You can do this by stretching often, and shaking it out among other ways. One fun fact about writing is that a new word is added to the dictionary every two hours.

To become a good writer, following steps is a good idea. First, you should take notes. Next you should write a rough draft, indent with multiple paragraphs with at least five sentences in each paragraph. Also, when you are done with your rough draft, you should have someone to edit your draft. The reason you need someone to edit your draft is to see if they find your story interesting or if they found a mistake that you didn't see. Finally, write or type your final copy. Writing can be very fun, and maybe one day you will think about joining.



## 5K Club

By Ashlyn McMillan

The 5K Club is a club for students who enjoy long distance running or walking. Practices are held for an hour on Tuesdays and Thursdays from 3:15 to 4:15 beginning September 12<sup>th</sup> and ending October 12<sup>th</sup>. The club is open to the first thirty students to return their signed forms. The team meets in Coach Padgett's room 7005. At the end of each season, the 5K Club runs a 5K race, which is the equivalent of 3.1 miles. The k stands for kilometer. A kilometer is .62 of a mile, or 16,368 feet long, or 5,000 meters long.

In addition to the NC Triangle Race for Autism, another one of the Triangle Race Series that the team participates in is *Run for the Ridge*, a local 5k race in Holly Springs that is usually in April of each year. The race begins at 9:00 AM with warmups beginning at 8:30 AM in the bus loop at Holly Ridge Middle. Runners and walkers receive a running bib with a jaguar timing chip. Participants also receive a t-shirt. Last year, Run for the Ridge had 124 participants with only 104 finishing. The average pace time was 10 minutes and 13 seconds, which means the average finish time was 31 minutes and 40 seconds.



When running a 5k race, runners need to prepare. To get prepared, runners need to train for about 6 weeks, 3 times a week. To make sure runners are successful with their training, a good diet, staying clear of sugar is important. Lastly, each runner should set a goal for themselves to monitor their improvement. The 5k club is a great way to build up relationships, learn about healthy habits and get a great amount of exercise. Maybe one day, you will think about joining!

## Walking with Grace

By Ayoub Idtaleb

Many families from around the triangle participated on Saturday, October 14, 2017 in the 19<sup>th</sup> annual walk for autism, including members of the Holly Ridge Middle School community. The event was in downtown Raleigh. Mr. Troy Smith is the captain for the 'Walking with Grace' team. This year the event raised a total of \$222,442.00. The team that raised the most amount of money was the Walking with Nolan team that raised a total \$14,175.00. The top participant who raised the most money was Nolan Kovac; he raised \$5,544. 00. Great job to everyone who participated.

Did you know that as many as 1 per 59 kids are diagnosed with autism, and around 200,000 are diagnosed each year? About 1 percent of the world's population have been diagnosed with autism. You can help support this cause by participating in this event. The entry fee is \$30 and you can also donate online to show your support.



This is an annual event that occurs in October. The race begins in the Halifax Mall, north of the building and the N.C museum of Natural Sciences at 9:00 AM. Last year's event was cancelled due to the weather. To participate in this event, or to show your support with a donation, you can register online and all the money goes to this good cause.

[Photo credits: Coach Andrea Padgett –Left and Above, Team Captain Troy Smith]

## Inside NJHS Chapter

By Zion Abebe

Every month the National Junior Honor Society (NJHS) holds a meeting to discuss upcoming events. There was also an NJHS meeting in the month of October where the NJHS discussed the upcoming planned events. The National Junior Honor Society's sponsors are Mrs. Petersen and Mrs. Graham. In the month of September, the National Junior Honor Society held a meeting to vote for the public officers which include the President, Vice President, and the Secretary. There were a large amount of nominees running for the positions of President, Vice President, and Secretary, but unfortunately they had to narrow it down to three.

This NJHS meeting was the first for the 2017-2018 school year. The National Junior Honor Society is based on five pillars: Citizenship, Service, Leadership, Scholarship, and Character. The new National Junior Honor Society members were inducted last May 4.

Each nominee stood up and explained why they should have the role for the specific job. Everyone had a chance to vote for their choices for the Public officers.

The NJHS Meeting was a great success. After a few days the final decision was made and the three Public Officers were chosen. The Public officers for this year are Trevor Volk for President, Will Prosser for Vice President, and Megan Adams for Secretary. The new National Junior Honor Society Public Officers had the majority vote of the NJHS members. The National Junior Honor Society is looking forward to an awesome 2017-2018 school year! The next NJHS meeting is on October 12. The NJHS is now preparing for Spirit Night. One occurred in September at BLAZE PIZZA and another occurred in October at Bless Your Heart Monogram & Gifts.



## The Renaissance Fair

By Elisha Puckett

On Wednesday, October 11, 2017, the seventh grade Trailblazers Team took a field trip to the Renaissance Fair outside of Charlotte, North Carolina. The Queen thought the spectators clothing was strange and she addressed the crowd as they entered the fair.

At the fair, there were many people and activities. Everyone had to attend to the following four events: falconry, jousting, storytelling, and the royal court. Aside from the mandatory requirements, Trailblazers could roam the fair and participate in other activities.

During the session of the Royal Court, everyone sat and waited as the queen walked in. She called out three girls and criticized their clothing and their hair dye and that there was nothing covering their heads. Then the queen demanded foreigners, and told them heads would be rolling if they did not get out of her country.

Falconry was an event by a trained bird handler who told the history of birds and the type of birds he had with him. He let the birds fly free over the audience.

Afterwards, everyone went to lunch and on to other activities. There were small lunch tables in an old looking area that looked like the people in the Renaissance time period used for their feasts and other special events. People thought the palm reading was the most interesting side activity.

After everyone got settled down, we all headed for the Jousting Arena. Jousting is a sport invented in the medieval times. Today, jousting is a very harsh sport and could involve death. Everyone took their seats and waited for the Queen to arrive, so the games could begin. The crowd roared for their designated knights, as their horses raced across the field.

Jousting was followed by storytelling. The storyteller told several stories, that were funny, scary, and very informative about life during the Renaissance. stories and you told important stories. When the storytelling ended, there was thirty minutes to return to the bus, or you could have gone to a final activity or shop. Once everyone arrived at the buses, exhausted, many slept on the ride back to Holly Ridge. The Renaissance Fair was a great experience for the seventh grade Trailblazer team.



## Fall Dance

By Brittany Allen

Did you have fun at the fall school dance? If you didn't go, you missed a lot of entertainment, loud music, and candy!

All students that went to the fall school dance had to get their parent or guardian to sign a form saying that their child can go to the school dance on October 13, 2017 and to be picked up on time by 6 pm. The fall dance location was at Holly Ridge Middle School's gym, auditorium and in the main hallway. These were the only places where the students could hang out with their friends eat snack and have fun. In my opinion I think the students went to the school dance because they decided to go to see if they would have a good time or not.

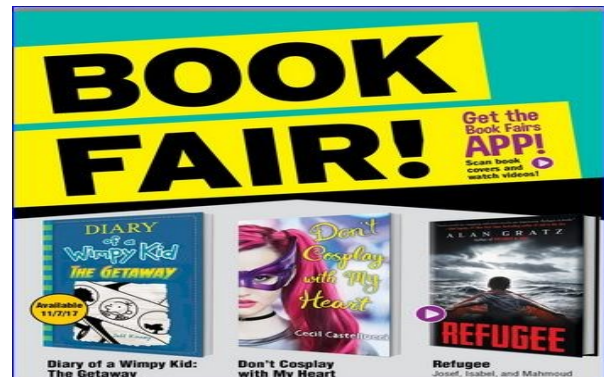
During the fall dance some students participated in a hula-hoop and dance contest. Many students requested songs, like *Bodak Yellow*, *Sorry Not Sorry*, *Gucci Gang* and the *Cha-Cha Slide*, just to mention a few of the many the DJ played. There were other activities going on during the dance. In the gym there was a giant air-slide, and in the auditorium, there was bean bag toss and ping pong tables set up. We danced with friends, drink soda and ate lots of candy! There was also a time when you could sit and talk with friends or read books. This was a long night, it lasted for 3 hours straight.



When I first found out about going to the dance, at first I didn't want to go, but later I decided to go. I am glad that I did, because this was my very first school dance, and I had such a great experience.

## Scholastic Book Fair

By Katelin Craven



Interested in finding a good book? For the week of October 23-30, the Scholastic Book Fair is coming to the Ridge! You can find that perfect book from a great selection this year! Mrs. Poppe, the school librarian is hosting the annual Scholastic Book Fair taking place in the media center. The book fair is a good opportunity to get new books and to expand your vocabulary. You can go to the library and pick the book or books of your choice during homeroom with teacher permission, only if you bring money and know what you're going there to buy.



Your Language Arts teacher will take you to browse and look around to see what you want. The book fair hours are from 7:45 am to 3:30 pm, so your parent can also visit with you. In addition to books, there are posters, erasers, pens, journals, and so much more!

Don't forget to check out the book fair flyer with some special picks of books that you should definitely check out! I hope you find a good book to enjoy!

## School Spirit Week

By Kyla Cummings

Come join the Ridge in showing off your school spirit. The week of Monday, October 16<sup>th</sup> through Friday, October 20<sup>th</sup> is Holly Ridge's Spirit Week.

Friends, faculty, and classmates participate by dressing up in the daily designated attire.

On Mountaineering Monday, clothes worn and gear brought that you would wear to go camping or hiking, and maybe even a prop, such as a water bottle or binoculars. Clothing varied from boots, flannel shirts, coats, and sunglasses, to shorts, pants, or sneakers.

Tuesday was twin day. There were many people that dressed up with their best friends for twin day. Same clothes, hair, and shoes, people dressed up with boys and girls from different classes, teams and even different grades.

Wednesday was *Gold and Blue* day. Support your school's fall sports team by wearing blue and gold to the pep rally. Football, Girls Soccer, and Girls Volleyball. At the end of the school day, the entire school attended the pep rally in the gym, and supported the Hornet fall sports teams watching or participating in the hula hoop competitions. A lot of blue and gold was seen in the hallways, cafeteria and on the faces painted throughout the school touting Hornet Pride.



Thursday, October 19 was PINK OUT Day and to spread awareness and show one's love for the victims of breast cancer, pink was worn: pink shirts, pants, shoes and socks, as well as pink cheeks and bows.

Dress for Success on the early release on Friday, October 20 concluded the week. Literacy and Enrichment periods included lessons from Covey's habits on how to be 'highly effective.' The perfect ending to show where you see yourself fifteen years into your future. Many wore clothing that involves what they thought their career would be in fifteen years: doctor cloaks, lawyers' accessories, athletic clothing, and even scuba equipment and beach attire for retirement days.

## Pep Rally

By Aesha Mehta

Cheerleaders, Soccer Players, and Obstacle Courses, Oh My! Everybody was hyped and ready to show their school spirit at our school's first Pep Rally.

The Pep Rally took place on October 17<sup>th</sup> during 7<sup>th</sup> period. All of the students in the school tripped, crawled, and were squished trying to get into the gym. Everyone was excited to have fun, watch the fall sports teams run into the gym, and excited to see the games the students and teachers were going to play. Ms. Wasz was getting everyone exhilarated by jumping and skipping around the corners to get the students to scream and do the wave.

The cheerleaders made a tunnel entrance with pom-poms for the fall athletic teams to run under. The girls soccer team went first, followed by the volleyball team, and then the football team players names were announced. They did a huddle with the mascot and then sat down.

Speaking of the mascot, the HRMS mascot was very energetic, playing along with the games. Some teachers, including Mrs. Mountford, were called up on to the basketball court for an obstacle course. The obstacle course consisted of dribbling a soccer ball, kicking it into a net, catching a football, and then running to a hula hoop, and throwing the football and doing a favorite dance move. Some sports team players also had a chance to complete the course.

Students were randomly selected to come forward for a hula hoop game by forming a line. The hula hoop would be given to the first person in the line. Each student went through the hula hoop without separating hands to get it fastest to the end of the line. Sixth grade went first against the eighth grade, and won! Then the sixth graders went against the seventh graders and they won again! They even won when they went against the teachers, and won the entire game!

Throughout the pep rally, the eighth grade band, led by Mr. Grimes played three songs: *Land of a thousand dancers*, *Louie, Louie*, and the *Notre Dame Victory March*. After, the students tripped and tumbled out of the gym returning to their seventh period class for about ten minutes before the bell rang for dismissal. This was definitely a great way to get everybody excited and showing their Hornet Pride.



## Dancing around the Ridge

By Kaylee Waltz

In dance class you can do a lot of fun partner work and performances. In class right now they are working outside to create a dance using a group of four or less people and any nearby structures and equipment. You can use park benches, trees, bleachers, tables, bike racks, etc. to make a dance that is creative and unique.



There are many dance events you can see throughout the year, such as the Winter Dance Concert in January, Pieces of Gold, and the end of the year performances. The

dance teacher, Ms. Jessica Cadby is teaching her second year at Holly Ridge Middle School, after returning from teaching for two years at Leesville Road High School in Raleigh. She began teaching middle school in Lee County for two years and in 2007 joined the Wake County Public School System, and taught dance at Holly Ridge Middle School for seven years.

The class focuses on modern dance techniques while working on improving strength and flexibility. Classes start with warm up and stretching exercises, then is followed by floor activities, like leaps, jumps, and turns. Sometimes students learn a new dance or have a chance to make one up within a small group.

If you are in Dance I or Introduction to Dance, then you already know that Dance I and Dance II are different. Dance II is a follow up course and is one step harder than the class previously taken. Dance I is required in order to be enrolled in Dance II and you have to take Intro to Dance to take Dance I, no matter how advanced you may be.

There is also a dress code for dance classes. The girls wear athletic or dance shorts or leggings and a movable shirt. The boys can wear athletic shorts or sweatpants and a moveable shirt. The dress code is not strict, but there points are deducted if you wear jeans or skirts. Leotards and tank tops are also allowed, but not outside of the classroom. This elective is fun and interactive.

## Drama New To the Ridge

By Kedar West

Do you like to act? Do you want to be on Broadway? Well, now you can!

Mr. Hurley is the new drama teacher this year at the Ridge. He has worked for the Wake County Public School System since 2008; he has spent nine years teaching second, third, fifth and sixth grade at Hilburn Academy. Before joining HRMS to teach theatre full-time, Hurley taught 6th grade English and theatre electives.

In class, students work on developing their performance skills through improvisation and character work. They also learn about theatre during different time periods. He is collaborating with art teacher Mrs. Bettini to create masks similar to what actors wore in Ancient Greece.

In May, Hurley will be working with working Mr. Grimes, Ms. Keller, and Mrs. Cadby to produce *Beauty and the Beast*. Auditions will be in January. His classes are full of drama, and a great class for anyone who loves to act.



Pictured above, sixth grade students in periods 4 and 5 Introduction to Drama elective with Mr. Hurley on a field trip to see *Grace for President* performed by Raleigh Little Theatre at the NC Museum of History on October 18, 2017.

## Animal Science

By Kedar West

Have you ever dissected a squid? Have you ever learned about tape worms? Well, if you were in animal science that would be what you're doing. There are two Animal Science teachers this semester, Ms. Copeland and Ms. Dagenhardt.

In Ms. Copeland's class, she is teaching about tapeworms and the digestion system as they explore their intestines. They are looking at the different parts of the intestines. Ms. Copeland mentioned they are almost finished with this part of the unit; "We are on our last day."



They also did a lab about squids where they had to dissect them and it smelled like a port near the ocean. It also was very loud and noisy and all the girls were saying "Eww!" and all the guys were really into the activity. Mrs. Copeland even was moving around working with all thirty-three students in her class. It looked very interesting. They usually wear equipment when they do labs. Their last big project was when they did a project about the squids.

## The other Animal Science Elective

By Diya Patel

Animal science is a class about Bacteria Fungi and living creatures taught by Mrs. Dagenhardt, a 7th grade science teacher on the Mustangs team. In the animal science elective class, students learn about all different animal classifications, biomes, habitats, relationships between animals and people and animal

careers (<https://sites.google.com/a/wcpss.net/mrs-dagenhardt/>). The class spends their time learning about creatures and finding out what is interesting about them.

This is Mrs. Dagenhardt's first year at Holly Ridge Middle School and her first year teaching 7<sup>th</sup> grade and animal science. Last school year, she taught all subject areas to fifth graders. She moved to North Carolina from Michigan.

## Newspaper Elective Jobs

*"What are we doing this week?"*

By Hanan Nadeem

This semester in the newspaper elective class students have very productive jobs that help the school become a better informed community. As a student in this elective class, I am giving you a look at what a few of the roles are that students are doing as daily jobs for our school.

The students in the 6th period Newspaper class are working hard on their jobs within the class right now to help the school community. They do this by breaking up into small groups to work on specific activities. One of the most popular jobs are the sports photography and the writing section of it, mostly the football section. Some articles may have something to do with individual interests or hobbies.

In each group there is a story for each month. So far, we have been working on stories for the September and October issue. Most of the jobs or roles can have a big impact on the school. For example, I attended a football game at Holly Ridge Middle School and photographed the game from the sidelines. Edgar Lopez and Brenda Mendez completed the writing part of the story. Tommy Hannagan is writing about the activities in the outdoor learning area as his own interest story. The students in the 6<sup>th</sup> period newspaper have a variety of stories and roles in the class.

"My Newspaper article is about makeup and what girls wear"

~Taylor Wolynech

"I'm a sports photographer and writer."

~Brenda Morales Mendez



## Tech with ACRAZYR:

### The Apple Conference

By Andrew Rustay

At the brand new Steve Jobs Theater, located at 10501 North Tantau Avenue in Cupertino, California, on September 12, 2017, the iPhone Conference was held. They held this conference to reveal four new products. The iPhone X with a new design, A11 chip, Face ID, wireless charging and AR. The iPhone 8 has a new glass back with wireless charging and the A11 chip. The Apple TV 4K with 4K HDR and A10X. Finally, the Apple Watch Series 3 LTE and red dot on the circular crown.

Apple released four new products at its last conference. The brand new iPhone X, iPhone 8, Apple Watch Series 3 and Apple TV 4K. The iPhones have the smallest batteries we have seen in a while, but they make up for it with fast charging, faster processors, and more storage. The Apple TV is a minimal upgrade to last years, but it has a faster chip and better 4K graphics. The Apple Watch is two times brighter, and it has more options, as well as the ability of LTE, using it without having your phone on you. This is perfect for runners, swimmers, and other sport players alike, as well as people who need to take calls a lot. The Watch price has gone up \$40 for LTE, but down \$40 for the normal version. The Apple TV has also gone up in price by about \$30, but it has MUCH better graphics and speed. Cell service companies are doing sales on the iPhones – Sprint has free iPhone with trade in of iPhone 7, AT+T, Verizon and T-Mobile are all doing \$300 off with trade in of an iPhone 7 (or a little less for a 6/6s). "Disclaimers": There is NO iPhone SE2, 7s or 9 released this year, breaking Apple's pattern of a full number than an "s" model each year.

Both: [www.gsmarena.com](http://www.gsmarena.com)

Apple info: [www.apple.com](http://www.apple.com)

Google info: [store.google.com](http://store.google.com)

Name of device	iPhone X	iPhone 8/8+	Apple Watch 3	Apple TV 4K
Height	5.65 inches	5.45/6.24 inches	38.6 to 42.6mm	1.4 inches
Width	2.79 inches	2.63/3.07 inches	33.3 to 36.5mm	3.9 inches
Depth	.3 inches	.29/.3 inches	11.4 to 11.8mm	3.9 inches
Weight	6.14 ounces	5.22/7.13 ounces	26.7 to 52.8g	15 ounces
Display	Super Retina 5.85 inch	Retina 4.7/5.5 inch	38/42mm	4K (HDR)
Resistance	IP67	IP67	50 meters proof	None
Chip	A11/M11	A11/M11	W3	A10X
Camera	12MP/12MP/7MP	12MP/(12MP)/7MP	N/A	N/A
Security	Face ID	Touch ID	Password	Password
Battery	2716mAh	1821/2675mAh	334mAh	Wall Plug
Price	\$999/1149	\$699/849 or 799/949	\$329 to \$1399	\$179/199
Capacity	64/256GB and 3GB Ram	64/256GB and 2/3GB ram	8/16GB	32/64GB

### The Google Conference

By Andrew Rustay

At the Googleplex, located on 1600 Amphitheatre Pkwy, Mountain View, CA 94043, the Google Conference 2017 was held. They had this conference, streamed online on 10/4/17, to reveal seven new products. They revealed the Pixel 2, Pixel 2 XL, Pixel Buds, Pixelbook, Home Mini, Home Max and Clips.

Google released seven new products at its last conference. The new Pixel 2 and XL with better cameras and water resistance, at the loss of a headphone jack. Their Google Buds can do real-time translation, which is useful for people who speak languages other than English. The Home Mini is a smaller version of the Google Home with no mute button, but a switch instead. The Home Max is a bigger version of the Google Home that looks like a Sonos Play:5 and has USB-C and a 3.5mm jack. The Google Clips camera is not coming out for a while. It is a video camera, kind of like a GoPro. It is shaped like a flat square instead of a fat rectangle. The Pixelbook is Google's highest end laptop, with an actual hard drive, 2 USB-C's and a 3.5mm jack. Google had a great second annual unveiling of its new products.

Name	Pixel 2	Pixel 2XL	Buds	Home Mini	Home Max	Clips	Pixelbook
Height	145.7mm	157.9mm	20.5mm	42mm	190mm	49mm	10.3mm
Width	69.7mm	76.7mm	20.4mm	DIAMETER:	336.6mm	49mm	220.8mm
Depth	7.8mm	7.9mm	20.4mm	98mm	134.4mm	20mm	290.4mm
Weight	143g	175g	14g	173g	5300g	60.5g	1089g
Price	\$649/749	\$849/949	\$159	\$49	\$399	\$249	\$999/1199/1649
Battery	2700mAh	3520mAh	120mAh	N/A	N/A	3 hours	41 watt-hours
Processor	Qualcomm 835	Qualcomm 835	Google Assistant	Google Assistant	Google Assistant	Moment IQ	7th Gen i5/i7
RAM	4GB	4GB	N/A	N/A	N/A	N/A	8/16GB
Display	5" 1080p AMOLED	6" 1440p OLED	N/A	N/A	N/A	N/A	12.3" LCD 1600p QHD
Camera	12.2MP	12.2MP	N/A	N/A	N/A	12MP	1MP
Capacity	64/128GB	64/128GB	N/A	N/A	N/A	16GB	128/256/512GB NVMe or SSD
Security	Fingerprint	Fingerprint	N/A	Voice	Voice	N/A	TPM Chip
Color	Blue, Black, White	Black, White	Black, Blue, White	Dark Grey, Coral, Light Grey	Dark Grey, Light Grey	White	Silver
Ports	USB C	USB C	USB C	Micro-USB	USB C, 3.5mm	USB C	2*USB C 3.5mm

## First Public Flying Car on Horizon

By Bruno Rosa

Lilium is developing a flying car, but could this become a reality in our lifetime?



There are a series of other companies that are trying to do the same, such as: Uber, Aero Mobil, Terrafugia; but Lilium is ahead of the game with the farthest development in the public, personal flying transportation industry. The engineers at Lilium are currently testing and further developing their “flying car” that they believe will change the world. The founders, who are Daniel Wiegand, Sebastian Born, Patrick, Nathen, and Matthias Meiner are already flying this new invention in the Munich skies. The German inventors started Lilium in 2015, but now that they have been made famous/known, they are on track to change how we live. Their crazy idea is coming to life using small electric engines that should work marvelously.

For this to work, all the specifics and designs have to be nearly spot on perfect. They are currently using thirty six small engines that should make it go over three hundred mph. Price will always be an issue, but they are currently on track to lift five people for a generous sum of money, \$340,000. It has a very lightweight design to counteract gravity, but the problem that everyone's weight is different will have to be dealt with right away, but it's not that easy.

With a range of three hundred miles, you should be able to go at full speed for about an hour. Currently you need to lift off from an airport with a trained pilot but that's not their final vision.

The founders state, “Our mission is to enable a world where everybody can fly anywhere, any time.” This is something that they are determined to do. Despite the difficulties, Lilium is building the future of

flying, even though it might take a while and may be expensive. The crew is determined that their invention will be the future of transportation.

Sources:

www.Wired.com [<https://www.wired.com/2017/04/lilium-jet-first-flight-test-flying-cars/>]

## Advancements in 3D Printing

By Kaleb Carlquist

Teams of researchers from HRL or Hughes Research Laboratories have devised a method to use a 3D printer to make strong metals and alloys. For the longest time, metal-based manufacturing has been difficult and costly due to how rare some alloys are. However, scientists finally found a way to develop metal alloys varying from Aluminum to Titanium through the art of 3D printing. These metals are useful for making a variety of resources and tools for citizens and Government officials to use. Such as armor, weapons, vehicles, structures and more.

We can use this kind of technology to help shape our future for many years to come. The idea of making metal out of printing may sound impossible although we have unlocked the ability to do so. But if this technology falls into the wrong hands, what exactly would happen to other countries? Weapons like missiles and nuclear-powered explosives, if they were to end up in the hands of terrorists, they could use them against us. These are the very weapons made by our technology. This could lead to a possible disaster that would be difficult even for the U.S. Military to handle. Let us hope that never happens while the metal is in mass production.

Maybe one day this advanced 3D printing plan will give scientists and engineers the ability to build a large 3D printer to print the weapons, structures, vehicles, and armor out of the same metal, so they don't have to build the products separately with the metal, but can instead create something as large as a cargo plane with the metal and use of a 3D printer. If scientists and engineers do in fact go through with this idea, it will revolutionize America and the Earth for many years to come. This will lead to a variety of possibilities that will alter society. What will be next?



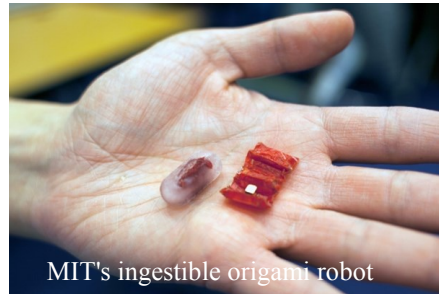
## Origami Robots

By Bruno Rosa

Origami Robots are becoming a possibility, but how could they help our lives?

These interesting little metal robots are becoming popular in the engineering world, but a use for them will have to be found. Some new, and creative uses have been found in the health improvement industry, but not quite yet in the pure robotic engineering world. While quite interesting, this is predicted to be a major stepping stone in small, heat controlled robots. The MIT (Massachusetts Institute of Technology) engineers behind these projects have worked very hard to make these folding robots. Invented and researched in MIT labs, these little creatures work by changing their shape based on how much heat is applied to it. With some complicated parts, heating pads, and clever engineering, this could change the thought process of many engineers and scientists.

Let's start off with the metal folding robots. These little guys are so complicated, that an engineer has to program the heating pattern so that they can fold properly. Once the layouts have been programmed, the origami robots can go from rolling balls, to mini boats, or even small gliders. If programmed correctly, the small robots can go through a triathlon-like course changing forms along the way. For now, research and brief periods of entertainment and amazement are the only way they can help our lives. Additionally, MIT has been able to create a new ingestible origami robot that could truly change the medical field. They look like tiny red tablets or capsules that are made of flesh, tissue, and blood. In tests, these ingestible origami capsules have been able to remove small batteries stuck on a model of a stomach, or even patch wounds. This could be very helpful since 3,500 battery buttons are swallowed each year, in the U.S. alone. This is just the start, and researchers will indefinitely extend into even more major threats, which could be easily prevented. Now, researchers are adding physical accessories to expand the range of what the origami robots can do. Daniela Rus states, "With this metamorphosis-inspired approach, we can extend the capabilities of a single robot by giving it different 'accessories' to use in different situations." New, even more creative ideas to extend origami robots, could make it ever more applicable to scientist's research.



Origami robots are a new, creative approach that could be a big help in the future. They might not be that useful today, but they are sure to improve, and quickly. With

two main functions, tiny vehicles, and health; a new industry or market could form in the next few years. No one can say for sure how this will affect the current and following generations, but most researchers, and engineers are sure it will do something. When it finally does make an impact, most are sure that it will create a great deal of innovation, and creativity in what we do.

## Renault Car that floats

By Axel Juan-Serapio

Renault, a French multinational automobile manufacturer, held a contest to design the "car of the future. The float is use to maglev technology in place of the wheels magnetic levitation.

Yan Chen Cai made the car that floats. It is made to hover off the ground. The car is located in the Universities King's Cross campus. It was made in September, 21 2017. They build this to make it easy for traveling around the world. On the bottom of the car there is a magnetic field.

The float is a concept car that is aesthetic with transportation exterior glass, silver bucket seats and sliding doors. Instead of using wheels, it uses maglev technology. The float uses magnetic levitation by a propulsion system. The Renault is designed to take people in the front seat and two in the back seat and drive by itself.



[Photo credit: [www.topgear.com](http://www.topgear.com)]

## Esports

By Owen Andersen

Have you ever wanted to test your skills at video gaming? Try Esports, a fun and competitive way to show off your skills. Tournaments are usually held in large stadiums. Soon one will be held at the Durham Bulls Athletic Park. The very first DBAP Gaming Challenge will occur September 29, 2017 through October 1, 2017.

Esports is a venue to find and challenge the best gamers. In 2002, Esports was officially accepted as a sport. The reason why it became a sport was, video gaming was growing and people wanted to know who the best gamers were. Also, its growing popularity drew the attention of businesses that saw an opportunity to make money. Usually, the competitions are held online or in stadiums. The typical gamers that compete are male and under the age of 35 years old.

Esports is an amazing way to show off your gaming talents and if you are not a gamer you can just watch the intense competition. Esports has grown tremendously over the past few years. Not only are the numbers of competitors increasing the number of fans are too, which got the attention of major sports sponsors. This sport can be enjoyed by all levels of gamers, from the beginner, to the intermediate, and to the professionals. This is why Esports has become so popular.

With Esports a new type of athlete has emerged. So now your stereotypical nerd might earn as much money as a professional football player. With the increase of sponsorships, the prize money for Esports tournaments can reach into the millions. The next time your mother gives you a hard time about video gaming, you can say, "I am preparing to be the next Esports Champion!"

Sources:

<https://www.sporttechie.com/durham-bulls-athletic-park-becomes-first-minor-league-ballpark-esports/>

[http://www.espn.com/espn/story/\\_/id/13059210/esports-massive-industry-growing](http://www.espn.com/espn/story/_/id/13059210/esports-massive-industry-growing)

<http://www.foxsports.com/buzzer/story/esports-explainer-league-of-legends-heroes-of-the-stormhearthstone-cs-go-dreamhack-050616>

## The World Series Playoffs

By Denny Liebler

The Major League Baseball playoffs are coming to an end as the World Series is about to begin. The Astros and the Dodgers are in the World Series, after both teams won in the semi-finals.



[Photo credit www.sportingnews.com]

The playoffs started off with the wildcard games. To make it to the playoffs your team has to win your division. You can also make it by having the first or second best record in your league and that is called the wild card. The wild card teams for the American League were the Yankees and the Twins, and the Yankees won. The National League teams were the Colorado Rockies and the Diamond Backs and the Diamond Backs won.

The brackets were then set. The Yankees were to play the Indians, the Red Sox were to play the Astros, the Nationals were to play the Cubs, and the Dodgers were to play the Diamond Backs. The Yankees beat the Indians 2-3 with a great comeback after losing the first two games. The Astros beat the Red Sox 3-1; the Dodgers swept the Diamond Backs and the Cubs beat the Washington Nationals 3-2. Then the championship series followed with the Yankees playing the Astros and the Cubs playing the Dodgers. The results are in: the Astros beat the Yankees 4-3 and the Dodgers beat the Cubs 4-1.



## College Recruiting to the Rafters

By Ghavin Richardson

For college fans, they are more than happy to get top recruiting high schoolers from across the nation. Since there are about a hundred, let's look at those ranked in the top five from their respective high schools. The general managers for all of the colleges across the nation have been looking at these kids for a while; since at least 2016. The top five have grades not from school it's what the scouts are ranking them at. Starting with RJ Barrett, who is from Ontario, Canada attending Montverde Academy; he is a 6'7", 200-pound small forward, with the quick ability to go over and around defenders to finish the fast break or just to make a quick dunk. Barrett also understands floaters and body language on the court and it is as if he is a mind reader on the court.

Next up is the internet sensation Zion Williamson from Spartanburg, South Carolina, who can dunk like no other and has a big guy, so mostly those dunks come easily to him. Not only known as a big man, but he can also shoot the ball, mid-range, and long-range is also up his sleeves. They say WHO SAYS? When he comes down the court, he's a dump truck running, because how big he is. At a 6'6" and weighing in at 272 pounds, dunks can be more than easy.

Then there is Cam Reddish from Norristown, Pennsylvania, a 6'7" small forward weighing 203 pounds. Unlike the first top two, Cam has a 7 foot 1 wingspan. Unlike the first two he has already committed to go to Duke University. He's a good shooter with a great three pointer, and would make a great addition along crazy talent Grayson Allen; both are already good, but when they meet each other, there is bound to be domination.

Know that the one I have been waiting on is Bol bol, whose father was in the NBA playing for the Atlanta Hawks. Bol bol is a really tall standing at 7'2" and 220 pounds; he's a monster in the paint. Most big men are supposed to focus on the paint, but he can shoot a three-pointer and has mid-range.

Finally, the last on the list is Romeo Langford. Now when you think of him, you think of a good shooter when it comes to basketball. He's 6'6" weighing 195 pounds and with the ability to finish in any situation, he has a lot of ways to get away from the defense. Although he hasn't committed to a college yet, I'm sure it will be in his mind soon.

## Favorite NBA Line-Up

By Jake Fields

The Golden State Warriors are currently in fourth place in the western conference. The team is based out of Oakland, California and won their most recent National Championship last year against their rivals, the Cleveland Cavaliers. Last night, October 30<sup>th</sup>, the Warriors dominated the Clippers with a final score of 141-113. The Warriors have a load of talent, but the top three scorers last night were Stephen Curry, Kevin Durant, and Draymond Green. Stephen Curry, one of the best point guards in the league, won the most valuable player award two consecutive years in 2015 and 2016. The Warriors current record is 5-3 after defeating the New Orleans Pelicans, The Dallas Mavericks, the Toronto Raptors, the Washington Wizards, and the Los Angeles Clippers. This season's losses include the Houston Rockets, the Memphis Grizzlies, and the Detroit Pistons.

Another amazing team is the Washington Wizards, who are currently fifth place in the eastern conference. The Wizards are based out of Washington, D.C. Unlike the Warriors who have won the national championship five times, the Wizards have only won once, back in 1978. Their most recent game was on Sunday, October 29 against the Sacramento Kings. The Wizards defeated the Kings with a score of 110 to 83. The top three star players for the Washington Wizards are John Wall, Bradley Beal, and Kelly Oubre. A little interesting fact about Washington Wizards is their name used to be the Washington Bullets, but they changed the name, because bullets sounded vulgar. Their current record is 4 and 2 after defeating the Philadelphia 76ers, Detroit Pistons, Denver Nuggets, and the Sacramento Kings. The Wizards have lost to the Los Angeles Lakers and the Golden State Warriors. John Wall is one of the top three point guards in the league and Bradley Beal is one of the top three shooting guards in the league, in my opinion.

The Golden State Warriors are one of my favorite teams in the western conference with my favorite player on that team, Stephen Curry. The Washington Wizards is my favorite team in the eastern conference with my second favorite player on that team, John Wall.

## Lets Go, Girls!

By Alyssa Dahm

In the fifth quarter of the game against Davis Drive on September 27th, Gabby Fernandez had a break away and did some moves around the defenders and shot and scored. Gracie Vaughan also had a goal in the fifth quarter because the hornets passed the ball around the field.

During the first half of the game all of the girls had a lot of chances to score, but they just couldn't get the ball in the net. Salem had a cross and they scored. The Hornets came back when Gabby Fernandez played a through ball by Payton Waller, and using her speed, she scored a goal. The second goal was scored by Kyla Cummings, by pressuring a defender and taking the ball shot and scoring. The third goal was scored by Blair Swift with a ball played to her that she shot and scored. The fourth goal was also scored by Fernandez in another break away.



The final goal was scored by Lilly Kern; there was a beautiful cross and striker Kern (pictured above) beat the goalie and scored.

## Girls' Soccer kicks it up

By Grace McDermott

Soccer is a very hard sport, and at Holly Ridge Middle School, there are many girls on the girls' soccer team, coached by Mr. Michael Grimes and assisted by Mrs. Carly Copeland. The first game of the season was an away game on September 19<sup>th</sup> at Salem, followed by a home game victory 1-0 against Davis Drive on September 27.

Then there was a game at Mills Park also an away game on October 4<sup>th</sup>. On October 11<sup>th</sup> there was a game at West Lake. If you're in seventh or even sixth grade next year and you like soccer, you should consider joining the soccer team. Reminder; you have to be in seventh or eighth grade to join the team. No sixth graders are allowed on the team, but sixth graders are allowed to be mangers. Good Luck 2017 Girls Hornets Soccer Team!

Date	Game	Location
September 19	Salem	Away
September 27	Davis Drive	Home
October 4	Mills Park	Away
October 11	West Lake	Home
October 18	Holly Grove	Home
October 25	Fuquay Varina	Away
November 1	Apex	Away

## Spiking Out at the Ridge

By Kate Riggsbee

Volleyball this season is thriving; the players, the games, the fans. It's the biggest it's ever been.

There are lots of new volleyball players on the team this year, and they're already doing great. With the practices on a roll, all the players are enjoying the game and the teamwork, which only makes the experience better.

There are several new players this season, including four new 7<sup>th</sup> graders, Quinn Adamson, Sophie Behrendt, Gracie Braxton, and Anabelle Zuromski. The team's first game was Tuesday, September 19, and they won with 10 points ahead! The coaches both agreed that it was the teamwork between the players that won the game for them. Teamwork is practiced daily except for Friday in the gym after 7<sup>th</sup> period ends.

All of the girls love the fellowship and being together every day. Rachel Williford loves "the team, and how the coaches hype us up." Sally Akins feels "These girls are so silly and easy to work with."

Volleyball at Holly Ridge Middle has gone on since the school was built and every year girls come back talking about how great of an experience volleyball really is. If you or a friend wants to try volleyball out, the whole team recommends you attend the volleyball intramurals in the future.



## Cheerleading Builds Uplifting Teams

By Kristin McNally

“Activities to build friendship, teamwork, and most of all team spirit!”

One Friday in every month the cheer squad comes together as a team to build teamwork, friendship, and team spirit. The first ‘Funky Friday’ of the month of August we made signs to bring people in to support our HRMS Football team. We do a lot of fun activities every month. This year we have eleven people on our cheer team, so that’s great for team building activities!

The cheerleaders always have fun on our funky Fridays because there’s always a new activity to do. These funky Friday activities are only for the cheerleaders. It’s a time for all of us to hang out and get to know each other.

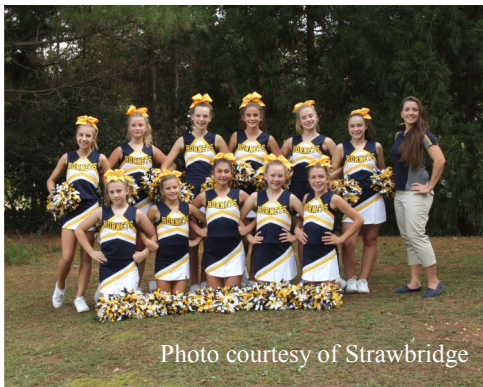


Photo courtesy of Strawbridge

Coach Waltz, now Mrs. McKissick, and cheer squad pictured above include: Angelina Myers, Elisha Puckett, Gralyn Pappas, Kristin McNally, Maya Palacios, Alexa Orso, Lily Draper, Carly Swan, Emersyn Scutt, Sage Duggin, and Alexis Prainito.

The definition of team spirit is feelings of camaraderie among the members of a group. Being in a group with people who make you smile makes you have team spirit. It makes you want to be happy and being with your friends makes it even more fun. That’s why we have these ‘Funky Fridays’ to build friendships with the people with whom we spend most of our time. A better friendship leads to better team spirit and better team work. Gralyn Pappas believes the activities are “fun for the whole team.”

Cheerleading is a sport that needs a lot of team work: we all have to work together to look and feel our best. We also help each other with things we

might be confused about; cheerleading can be confusing at times. That’s why these ‘Funky Fridays’ are very important and also something to look forward to every month. Cheerleading is so much fun, especially when you have a good team you can connect with and be around people who bring out the best in you.

## Season Start Off; first home game

By Brenda Mendez and Edgar Lopez

The team players and coaches from Holly Ridge Middle School have been waiting for this big moment, the first home football game on October 7, 2017. There is a game every Thursday, either away or home, but the fans joined to support and root for the Hornet football team, who had been preparing and working really hard for a few weeks. Their current record is 1-3, meaning one win and four losses. The team has competed against five schools in intense games against Salem, Davis Drive, Mills Park, West Lake and Holly Grove with only one being played on Hornet Territory.



The first game the Hornets played was a total success against Davis Drive with a score of 44-0. With some great touchdowns by Noah Burke, James Dela-Ratta, and Noah Toster. Not only were there great touchdowns, but there was also an amazing turn over led by Ziquan Stallworth. Even though they lost the game against Salem 22-8, they tried their best and didn't give up.

Hannah Mitchell, the only female football player this year, when asked what influenced her to try out for the football team stated, “I wanted to prove that a girl could play football and break the stereotype.” The Hornets will continue to practice and work hard for their next upcoming games.

[Photo credit: Hanan Nadeem, Newspaper Staff]

## *It's a Matter of Fact...By Vinay Moorthy*

Equinox, Ashura, Yom Kippur

The September equinox this year occurs on the twenty second of the month September. This equinox is the first day of fall and welcomes in the vernal, spring, equinox. Back in the Mayan ages, on the day of equinox the sun would perfectly match on the tip of great Mayan empire. (www.Timeanddate.com)



On the Ashura, Islamic/Muslim tradition includes fasting and celebrating the 10th day of the first month on the Islamic calendar. This religion was created by Muhammed, a ruler in the years of AD 622. (CNN.com).

Yom Kippur is “the tenth day of the seventh month, Tishrei, and it is regarded as the “Sabbath of Sabbaths.” Rosh Hashanah is the first day of that month recorded on the all knowing Hebrew calendar. On this day, people forgive their bad deeds or sins by praying to the gods. At the end of Yom Kippur, people go to the synagogue and finish their prayers to the gods for their religion. A synagogue is a building where Jewish assembly occurs to worship God.



## *An Indian tradition: Diwali*

*By Vinay Moorthy*

India, the second most populated place, is celebrating a five day tradition, which is happening on the 19<sup>th</sup> of October called Diwali. Many traditional events occur that I want to share with you.

Diwali, known as the “Festival of Lights” is celebrated in the places Indians are staying or living. Indians are not the only people who celebrate Diwali; Sikhs and Jains also celebrate Diwali,



## **Samhain**

*By Diya Patel*

Samhain is a holiday celebrated by wiccans and other pagans believed to be an ancient festival to celebrate the Autumn harvest and

the onset of winter. Samhain is mainly celebrated on the sunset of October 31 to the sunset November 1. Samhain is celebrated all over the world. Samhain is celebrated by placing a candle by a west facing door or window by the opening.

Samhain is similar to the holiday we know as Halloween. Some people call Samhain the Christian “All Saints Day” on November 1. On Samhain, many people who celebrate it carve pumpkins and go bobbing for apples.

Samhain is pronounced “sah-win” or “sow-in”. Some people call it the ‘Witches’ New Year’. Samhain has many rituals such as bonfires, dancing, and building altars to honor deceased ancestors and leave offerings to the spirits outside their homes.

Originally, people would wear costumes and go to houses and receive food which has developed over the years and now we get candy and it’s less of a religious holiday and more of a fun holiday. Samhain stands for the ending of summer and believed a way to communicate with the dead. They believed Samhain was the day spirits of the dead would cross over to the other world.

*the triumph of good winning over evil and the victory of light and darkness.*

*Activities include firing off fireworks and playing with firecrackers and sparklers. Parties with friends and family during the five day celebration feature eating native and country foods, and visits to the temples for prayers.*

*This is one of my favorite celebrations because we hold incense sticks and set them on fire. Diwali is a great traditional celebration for everyone.*

## The History of Halloween

By Gavin Schmiedl



It was first thought that Halloween was originated with the Celtic festival of Samhain in Ireland. People would light bonfires and wear costumes to ward off roaming ghosts. In the early stages, Halloween was called All Saints Day. It was celebrated on November 1st. October 31st was called Hallow's Eve. In 1000 A.D., the Catholic Church named November 2, 'All Souls Day'. It was a day to honor all of the people that have died.

When the colonists came to America the northern colonists did not celebrate these holidays. In the southern colonies it was more common to celebrate All Souls Day. On this day, the colonist would celebrate with 'Halloween parties' to enjoy a good harvest season. They would tell scary stories to the children of the town. In the 19th century, there were a lot of immigrants that came over to America, a large number of them were Irish which helped the popularity of Halloween.

Americans borrowed the idea of dressing up for Halloween from the Celtic Festival. Dressed up, they would go house to house asking for money and food. The idea of "trick or treating" dated back to when England had Soul Days parade. During the parade, the poor people would ask the rich for food. The rich would give them pastries called soul cakes. In return, the people had to pray for their dead relatives. The distribution of soul cakes were encouraged by the church as a way to replace the ancient practice of leaving food and wine for roaming spirits. The tradition of dressing up for Halloween came from the European and the Celts. People use to think that ghosts would come back from the dead and come to their homes so they would stay inside. Some people would wear masks so that the ghosts wouldn't recognize them when they were outside. On Halloween, people would leave bowls of food outside to appease the ghosts so they would not come in their homes. Those are some of the traditions of Halloween. (Source: www.history.com)

## El Dia Del Muerto

By Kevin Cortez

El Dia Del Muerto is 'Day of the Dead'. In Mexico, every year people put up pictures of their loved ones who have passed away. They also place the favorite foods that their loved one enjoyed next to the photo. Sometimes, on El Dia del Muerto, they stay at the cemetery, and will sleep there. They believe that the spirit of the people leave their graves and wander around searching for the living people who are staying at the graves of their loved ones until the next day. Normally, people have festivals and carnivals to celebrate this day of the dead. Dia Del Muerto begins on October 31 and continues through November 2, and believed to be related to All Saints and All Souls Days.



Payton Snyder,  
6th Grade

## Five Little Pumpkins

By Nu-Jiyuh Shields

Five little pumpkins talking on a gate  
The first one said, "Oh, why is it getting so late?"  
The second one said, "There are ghosts in the air."  
The third one said, "I really don't care!"  
The fourth one said, "Let's jump and jump."  
The fifth one said, "It's all Halloween fun!"

Then whoosh went the wind, and out came the night!  
And the five little pumpkins jumped clear out of sight.  
Pumpkin, pumpkin, big and round,  
Sitting on the cool, hard ground.  
Soon I'll take you off the vine,  
Give you a nickname, and make you mine.  
Carve a face for everyone to see,  
Add a candle for Halloween glee!



Caroline Hupco,  
6th grade

Five little pumpkins sitting by the door.  
I gave one to my mother, and now there are four.  
Four little pumpkins, such a sight to see.  
I gave one to my father, and now there are three.  
Three little pumpkins, I knew what to do.  
I gave one to my sister, and now there are two.  
Two little pumpkins, sitting in the Sun.  
I gave one to my brother, and now there is one.  
One little pumpkin, isn't it fun!



## Tips to stay fit in the fall

By Gavin Schmiedl



Do you struggle to get up in the morning and go and work out? If you do, then read on. It might be hard to move around when you can stay inside your warm cozy bed, but if you do not get outside and walk, run, or just move around then you will not do it anymore. You may think to yourself that just one day it will be fine, but when you miss one day, then you will miss another and another, and then you are back where you started.

Here are some suggestions for people looking for some new ideas to work out during the colder months. Some tips you can do inside, so you don't need to go outside and run in the cold weather. These tips help you stay fit healthy. The first tip is simple and that is to eat healthy. This is one of the best ways to stay healthy. Also, just because you are trying to stay healthy does not mean that you cannot eat any sweets; it means that you can't eat a lot of sweets.

Another tip is to do dancing because dancing is a great way to exercise inside it gets you moving around and is also a great hobby to have. Another good way is to run is on a treadmill. Although they can be expensive, there are also gyms that you can go to if you join. Also, some apartment buildings can have gyms in them, so if you



have one of those you can wake up in the morning and go for a run on the treadmill. If you are just starting out, it is best to run in increments, like for a certain amount of time, then walk, then run for a little bit, and then walk. If you keep

doing this, you can get a good exercise. The final tip is to work out early in the morning because then you get it done and out of the way for the day, so you don't have to worry about it for the rest of the day.

## Magic Uncovered

By Tristan Leckie

Illusions are one of, if not the most entertaining, past time or show. But magic is complicated and has multiple steps to even the simplest trick. So that's why I'm here to reveal one of the most popular trick in recent times for the artist Penn and Teller the bullet catch.



The bullet catch has been worked on and passed with new changes but Penn and Teller truly made this trick popular with one spin to it; the inclusion of two people signing the bullet and a revolver pistol. Now the trick requires sleight of hand and distracting the crowd for a short period, but secretly the magician will hold the bullet in their mouth as they load a rubber bullet which is loaded into the gun as two glass panels are placed in front of the magicians. The reason for the rubber bullet is that it can break the glass, but not hit the magician, thus casing the illusion of the bullet firing. They take aim and fire! The audience sees the magician somehow catch the bullet between their teeth signed by the same people and everything, but as we know all they did was place the bullet between their teeth and show the audience the amazing trick that just came forth.

### The Facts

Yes, Penn and Teller definitely made this trick what it was now, but the trick goes back quite far almost back to the start of illusions. The original creator of the trick has been over shadowed by rumors and speculation, so as of now there's no definitive answer on who created the trick, but it's one of the many tricks that truly pushed the mind of the audience. Now there are some changes to the trick to work with Penn and Teller's routine; for one, the trick requires the two to swap bullets for the full effect of the trick tricking the crowd.

Truly a trick for the ages and maybe after reading this, you can develop your own version of this trick. A follower follows the trick, but a magician makes something new and great for the public, the ones to go above and beyond!



## Patriot Day

By Jaiden Dorsainvil

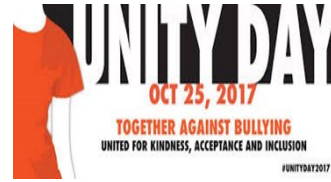
In the United States, Patriot Day, observed as the National Day of Service and Remembrance, occurs on September 11 each year in memory of the people killed in the 2001 September 11 Attacks.

The idea of the attacks came from Khalid Sheikh Mohammed, Who first presented it to Osama Bin Laden. In late 1998 or Early 1999, Osama Gave approval for Mohammed to go forward with organizing the plot. Four passenger airliners operated by two major U.S. passenger air carriers all of which were hijacked by 19 al-Qaeda terrorists. Two of the planes, American Airlines Flight 11 and United Airlines Flight 175, were crashed into the World Trade Center complex in New York City, A third plane, American Airlines Flight 77, was crashed into the Pentagon. The attacks killed 2,996 people (including 19 terrorists), injured over 6,000 others, and caused at least \$10 billion in infrastructure and property damage.

In the immediate aftermath of the attacks, President George W. Bush, proclaimed Friday September 14, 2001, as a National Day of Prayer and Remembrance for the Victims of the Terrorist Attacks on September 11, 2001. A bill to make September 11 a national day of mourning was introduced in the U.S. House on October 25, 2001, by Vito Fossella with twenty-two co-sponsors, among them eleven Democrats and eleven Republicans.

The flag of the United States is flown at half-staff at the White House and on all U.S. government buildings and establishments throughout the world; flags are also encouraged to be displayed on individual American homes, additionally, a moment of silence is observed to correspond with the attacks, beginning at 8:46 a.m., the time the first plane, American Airlines Flight 11, struck the North Tower of the World Trade Center on September 11, 2001.

[Sources: wikipedia.org, timeanddate.com, and nationaldaycalendar.com]



By Laisha Maldonado Arrendondo

Unity day is the day when people from around the world wear orange to represent kindness, support and acceptance of others that were bullied. Unity day is held every third or fourth Wednesday of October (or National Bully Prevention Month). This year, unity day was on Wednesday, October 25<sup>th</sup>, 2017. This day is celebrated all around the world and anybody can be a part of it.

The first unity day was on Wednesday October 19<sup>th</sup>, 2011 and that's when people wanted to stop bullying and support those that have been bullied. On this day, people would unite and help those that were bullied in school. It could be at school, your community, and even world-wide! Unity day is a very important day because it means that we care about those that were being bullied.

Unity day was created by Pacer's National Bully Prevention Center in 2011 and every year, more people are helping to stop bullying in school, online websites, and more. Even though they are trying to prevent bullying world-wide, they still need help with preventing bullying. Every year about 3.2 million students get bullied each year. That is why people started to unite together and try to prevent bullying. If you see someone being bullied, do something about it and tell an adult immediately!

Sources: [www.pacer.org/bullying/nbpm/unity-day.asp](http://www.pacer.org/bullying/nbpm/unity-day.asp)

[www.stopbullying.gov](http://www.stopbullying.gov) and [www.dosomething.org](http://www.dosomething.org)

[Photo credits: [www.pacer.org](http://www.pacer.org) and [www.holidayscalendar.com](http://www.holidayscalendar.com)]



Students at HRMS wear blue to show their support for Anti-bullying Awareness on October 2, 2017.

## Clothing Trends at the Ridge

By Melanie Konin

This year in September, at Holly Ridge Middle School, students have noticed certain clothing favorites beginning the new school year. September is an awesome month for clothing trends because the weather is perfect for any outfit chosen. Here are some trends that teen girls and boys have found to be the current style at the Ridge.

### Women's Wear

The girls' style, we have found to be super comfortable, yet look nice. If we decide to dress "cute" then we usually wear flowy tops with jeans. Ripped jeans are slowly getting into style, adding extra edginess to the outfit. Some shoes to match this are Birkenstocks or Converse; both are super cute and easy to slip on. When we decide to dress more on the comfortable side we usually wear shirts with shorts, matched with

Birkenstocks or Nike Running shoes. Madelyn Melton states, "Comfy clothing makes class feel like I'm at home." The stores these clothes can be purchased at are Hollister, H&M, and more. Brenda Mendez states, "H&M is my type of store to shop at."

### Guys' Clothing

Accompanied by teen girls, guys also have a sense of style. During September, guys still wear shorts, but occasionally they wear sweatpants. Guys also like soft, cotton shirts and like to be comfortable. Clothing includes shirts and tops that can be bought from

the stores of Nike, Polo, Hollister, Vineyard Vines, and more. These outfits are styled with Sperry's or Nike running shoes. Marc Pardo states, "I like to shop at Hollister." Gavin Schmiedl says, "I only wear Vineyard Vines shirts."

Style is a main part of what describes you, and it is important to embrace your own style. Style is not something to compete for, but is simply a way to express yourself.



## Makeup Trends at the Ridge

By Taylor Wolyneec

Do you wear makeup? Makeup is something commonly worn by middle school girls, so it isn't surprising that most girls at the Ridge wear makeup. Eighth graders Madelyn Melton, Hanan Nadeem, and Kate Riggsbee were asked what they wear for makeup on a normal day. Hanan usually wears just mascara, while Kate wears slightly more, and Madelyn wears just slightly more than Kate. Kate's usual makeup consists of mascara, powder, concealer, and eyeliner. "I recommend shape tape concealer," Kate says, which she uses every day. Madelyn wears mascara, concealer, blush, powder, and she occasionally does eyebrows and highlight.

For what purpose, do you wear makeup daily? "I wear makeup because it makes me feel more awake," says Madelyn. Her logic is when you look awake, you will feel more awake. It takes both Kate and Madelyn about fifteen minutes to apply their makeup every day, and it takes Hanan under five minutes to apply. Most eighth grade girls wear similar amounts of makeup, but some choose to wear none. Just remember, you are beautiful whether you choose to wear makeup or not!



[Photo credit: Pinterest]

[Photo credit: Pinterest]



## Trendy Hairstyles at the Ridge

By Madelyn Melton

Have you ever had struggles before school and never knowing what to do with your hair? Here are some solutions to your problem.

From eighties afros to adorable braids, Holly Ridge has all the trends. Pop culture means modern popular transmitted via mass media, and it is aimed particularly at younger people.

These solutions are based on the stylish hairstyles worn by Holly Ridge students during September 2017. Young teens have a variety of hair products and styles you'll love to model and use. Some examples are forms of braids and Lush hair Mist. Properly caring for your hair is important to prevent dry, brittle, and damaged. In the morning, try a new hairstyle you've never thought about before, as well as some new products to enhance your collection.

Brenda Mendez-Morales says, "I mostly wear my hair down, but some days it just depends!" Taylor Wolynec quotes, "A dutch braid is my go to style!" I also asked my classmates what products they like to put in their hair to keep it looking fabulous. The boys



in our class used the same products, which consisted of gel, hairspray, and mousse. The girls had a variation from shea butter, to Moroccan oil. You can purchase these products at Ulta, Target, Walmart and even hair salons.

Everyone wants to keep up with latest trends, right? These tips and answers can really help! You know what they say, happy hair, and happy life. Make sure that you are trying fun, new, ideas to increase your style!

## Fixing Your Face with Fenty

By Marli Steers

Many celebrities have been recently creating their own makeup lines. Some makeup lines might not stand out. But famous a singer just created a line of makeup named Fenty Beauty and people are raging about it. Fenty Beauty definitely cannot compare to other designer makeup lines. There are so many diverse shades for everyone that invests in makeup.

Fenty Beauty was created by the very talented Robyn Rihanna Fenty, also known as Rihanna. Fenty Beauty is available at Sephora. People in the US and the UK can enjoy Rihanna's makeup. Fenty Beauty was released on September 8th this year. Rihanna mentioned on the Fenty Beauty website that she created this makeup line so everyone can feel included. Fenty Beauty was created because Rihanna took her idea and made it a reality.



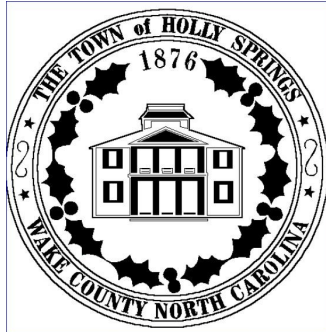
If you're wondering what Fenty means and why that's the name of the makeup line, it is simply because Rihanna's last name is Fenty. Fenty Beauty includes foundation, primer, highlighter, concealer and even brushes and blending tools. The foundation which most people are going crazy about has forty shades. The foundation goes from 100, the very lightest to 490, the darkest. Fenty Beauty is a little pricey if you are not very into makeup, but compared to other celebrity makeup lines with the prices that vary. The reviews by those who have bought items by from Rihanna, absolutely love it ([www.allure.com](http://www.allure.com)). It seems the makeup is worth the higher prices.

"Makeup is for you to have fun with," she says. "It should never feel like pressure. It should never feel like a uniform feel free to take chances and risk, feel free to do something different." -Rihanna Fenty

## History Lessons in Holly Springs

By Jon Knight

Holly Springs is a town in North Carolina that most students at Holly Ridge Middle School call home. There are a lot of new structures being built, but when and where did it all start?



In 1805, Archibald Leslie opened a tailoring business in local Tuscarora Tribe hunting grounds. This location was near what is now the Crossroads, in Downtown Holly Springs. From only a saw mill, cotton gin, a store and a house used for both a school and church ([www.fmrealty.com/site/holly-springs-a-brief-history](http://www.fmrealty.com/site/holly-springs-a-brief-history)), the area grew into a town, and joined the Raleigh Triangle. When this group separated from the main town, they began making their own industrial improvements, further expanding Holly Springs. Even after many advancements, there are still plenty of buildings, and leftover rubble.

I came across something like this near my neighborhood. In the woods surrounding my small neighborhood, there resides a small cabin next to a pond. The house is made mostly of wood, and has beams running horizontally across the ceiling. Around this cabin, there are piles of broken glass, concrete, and rusted sheets of metal. A short walk from the cabin, there is a small, almost demolished structure, similar to a chicken coop. All around the structure, there are hidden treasures, such as old glass bottles, and cans, dating back to the 1970s, based on the printing on them. There are also a few metal farming tools, all covered with age and rust. From the few times that I have visited this cabin, I have come across items indicating the age of the site. I have come across a concrete, wall mounted light, which runs on electricity, so it can't be older than the 1930s, unless it is concrete for weathering prevention.

There are many things that uncover the past hidden all around the world, and to think there could be one in your neighborhood is interesting...

## New Traffic Light Installed in Holly Springs

By Charlie Butts

The population in Holly Springs, North Carolina is growing fast. They have been building new roads very fast to try and keep up with the traffic. A new road was made in Holly Springs near Ralph Stephens Road behind Walmart in Holly Springs. The intersection is Piney Grove-Wilbon and S. Main Street in Holly Springs. A stop sign was added to the road. Drivers did not seem to notice the stop sign in this new roadway which caused a total of eight car accidents since August 2017. Five of the crashes were in the first week.



The townspeople were concerned and went to the town council and complained. The North Carolina Department of Transportation (NCDOT) and the town put up a flashing electronic sign, "New traffic pattern", orange flags, and a bright orange sign, which did not stop more accidents from happening. The town heard the concerns and petitioned the NC DOT for a stop-light at this intersection. It was approved and the new light was "fast-tracked". It still took another month to get the new light up. The new light was placed on October 16, 2017.

When growth happens fast, the result is not always obvious. When the idea of the new road was presented, the habits of the travelers on this road were not addressed. With the frequency of the accidents in the first week came a lot of media attention, including that of the town council. The people with their consistency and urgency resulted in the new light being put up quickly.

## School Lunch Nutrition

By Charlie Butts

In many schools across the U.S.A., food inspectors found unsanitary factors in the kitchen where the food is prepared. They found cockroaches and rats in some of the school kitchens in 82 of 88 Louisiana public schools. Most of the food in the schools are not healthy. Michelle Obama made it her mission to try and improve the obesity rate of children through healthier school lunches. There are too many processed foods. Who is responsible for the nutrition of our school lunches?

ABC News covered how safe are school lunches. There have been rats and cockroaches only feet from where the food is prepared. In one school in Washington, D. C., dead rodents were in the same area where food is prepped. This could give students food borne-illnesses. Also, some of the food is unhealthy and greasy. There are no known cases of food related illness at Holly Ridge Middle School. Many parents blame the Child Nutrition Division for the Health of school lunches.

According to the Wake County Public School System's website, middle school cafeterias are inspected three times a year. The NC Department of Public Health's website's states that the North Carolina Health and Human Services provide the inspections. They are to follow the guidelines of the National School Lunch Act of 1946 and the Department of Agriculture. There are food consultants that can go around and check schools for safety and cleanliness.

It's not about the taste or the amount of grease in the food, but more about the conditions where the food preparation. The school lunches are pretty good at Holly Ridge Middle School, and there have not been any illnesses from the food. The sanitation rating is 98.1% and is located inside the cafeteria office.

## Eno River

By Jack Gregorio

My last trip to the Eno River was on October 11, 2017. The Eno River is located forty-five minutes from Holly Springs in Durham and Orange Counties, North Carolina. What I liked most about being there was the white waters and being outdoors surrounded by nature. I walked along the Buckquarter Creek Trail. It was marked with red dots to help me keep on the trail.

As I walked the trail, about .5 miles into the trail, I noticed two ways to go. To the right it was Buckquarter, and to the left was Cox Trail; I decided to continue down Buckquarter.

My friend and I jumped rock to rock to the other side of the river. We set up our hammock and sat there for around fifteen minutes and viewed all of the trees and the scenery, as well as the sounds of the flowing river. We walked back up to the entrance of Cox Trail. We walked a little way and reached an extension bridge reaching over the river and overlooking a water fall. Afterwards, we had to leave. I had a wonderful day in the wilderness. I would recommend this to anyone wanting to do something adventurous and who enjoys being outside.

## Being New

By Denny Liebler

Being at a new school can be hard. When you go to a new school it is hard to adjust to the new stuff. It can be complicated for you to be able to properly learn. They do things differently and you need to make new friends.

This article is about me going to a new school. That school is this school. I moved to this school this year. This school is very different from my previous school. It is much more compact than my previous school as my previous school had buildings that were spaced apart with large courtyards in between. Places like the gym and the auditorium were larger as well. The school mascot was a Bengal Tiger and I'm so used to that so it's kind of weird to see hornet stuff everywhere. I moved to this school because my mom moved into a different, bigger house. The school I went to last year was Fuquay Varina Middle School.

Being at a new school is weird. The people, the teachers, and the rules are different. Learning the rules can be hard. People can get mad at you if you don't know what to do even though you are new. The people at this school seem to be more open to different personalities than they were at my previous school. People hung out in more isolated groups and didn't really go outside of that. The classes at Fuquay were longer and there was one less of them so that is also new. It was more fun because I knew more people. Maybe I will soon know people here. I only have to go to this school for one year, so I hope I like this school by the end of the year. I think that I will, because it appears to be a good school.



## Usain Bolt's Time Has "Run" Out

By Tyler Forte

Yes, you read the title right, Usain Bolt has retired running for ever and doesn't plan to do it ever again. The fastest man ever alive has retired from running for good. Usain Bolt was just tired of training and wanted to relax and party. You may think he's lazy, but running training is very hard and you have to do so much. Quickly, the job of being Usain Bolt, while still high paying, is more difficult than ever. Although many believe Bolt will be back, there are several reasons why this retirement should stay around.



Usain Bolt grew up in Jamaica with his mom and dad, they lived in poverty, but are now very rich. He now lives in the USA, but he still ran for Jamaica; his last race was at the 2017 London World Championships. August 7, 2017 was the last time the fastest man of all time stepped on the track, after the 4x100 men's relay race he was finally finished with his amazing performance on the track. He quit because he was tired of training, dieting, and not enjoying his life like he should. Bolt has held the 100m, 200m and the men's 4x100 meter relay making him the first and only champion to take all three events. He's participated in three Olympics from 2008 to 2016 and has eight gold medals, but recently, one was taken away for the 2008 Olympics in Beijing, because his teammate Netsa Carter failed a drug test. "I work hard. And do good. And I'm going to enjoy myself. I'm not going to let you restrict me," says Bolt.

Bolt is a huge role model for many people, including an economy booster for Jamaica. Jamaica is the fastest country ever, with the best running coach. Jamaica and Bolt are both amazing and always make the Olympics entertaining to watch. They are legends that are unforgettable. [Sources: [www.sportskeeda.com](http://www.sportskeeda.com), [www.theguardian.com](http://www.theguardian.com), and [dailypost.in](http://dailypost.in)]



## FIFA World Cup qualifications

By Seth Richardson

One more year until the battle of Russia! It has been three years since Germany won the World Cup and they're hungry for another one. Will Argentina retaliate from their game against Germany, who won during the last seconds with a goal, helping them win the 2014 World Cup?

The process for the 2018 World Cup started with qualifications in March on the 12<sup>th</sup> in 2015 and will run until this November 14, 2017. The FIFA confederation is in charge of setting up these games which in 32 countries around the world. Russia automatically qualified as the hosting country. Soccer player Leo Messi says, "When pressure is high, rise above it," as he hopes to lead Argentina to the World Cup finals.

Hopefully, Russia can win the World Cup since they are hosting this event. Fans are getting prepared for the World Cup Tournament with high hopes for their country to prevail as the champions.

## Ballet in the Making

By Marli Steers

A very popular form of entertainment, Ballet is also a practiced art with multiple variations including Russian, British, French and Italian. The beginning of this art is blurry, but dates back to the Italian Renaissance courts. Although many people thought King Louis XIV created ballet, it was only popularized by him.

Later, this type of performance dance was developed into a concert form in Russia and France. Ballet is so widespread, it has a vocabulary of its own based on the French language, unlike most other forms of dance that usually share vocabulary. The word ballet actually comes from both French and English origin. Many styles of western dance today have been influenced by ballet in some way. Ballet is so popular in New York City that there are five ballet schools. The very first real Le Ballet was called "The Comic Ballet of the Queen."