

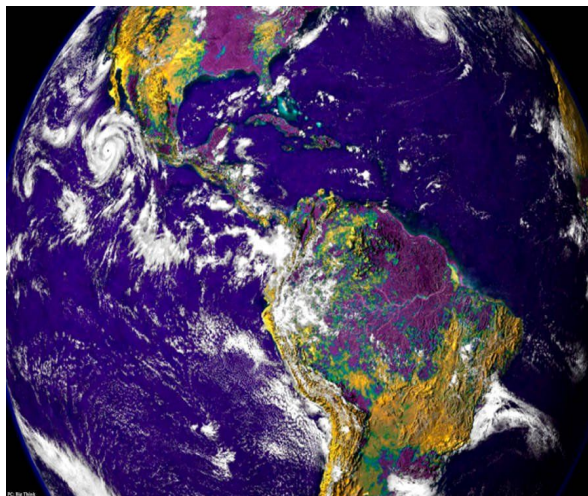
Seeing Spots Newsletter

Edition 1

A Purple Earth?!

By: Rahul Goyal

Look outside. Your surroundings are filled with the leafy green trees and verdant green grass. Earth is known for being green, but new scientific data reveals that 2.4 billion years ago, the earth was actually purple! How is this even possible? Today, the green pigment we see outside in nature is due to a molecule called chlorophyll. Plants use it for photosynthesis and we need this process to have oxygen in order to breathe. However, scientists have found that years before the chlorophyll existed, a molecule called retinal gave everything a purple pigment instead. The retinal performed a similar role to the chlorophyll we have today but was much simpler and didn't produce enough oxygen to allow for human survival. Now look outside again and imagine everything purple. Seeing the world added with a little more purple is pretty amazing, but our green world allows us to survive in the first place. So, take a second to help the green environment that is responsible for human existence. If the world was purple, you probably wouldn't even be reading this article right now!



[Read On for an exclusive interview with our new vice principal-- Ms. Smith!**](#)**

iPhones 2018

By: Timmy Bussey

iPhone Xs:

The iPhone Xs is the new upgraded iPhone X/10. It has a super retina display that is some of the most durable glass on any smartphone. You can unlock your phone with facial recognition called face ID 2.0. The phone has an apple A12 chip which is the smartest bionic chip in any smartphone. This technology allows an augmented reality where you can put things that are not in front of you in the real world in front of you in the picture. The phone is now even more water resistant. It also has animoji feature that allows you to turn your face into an emoji.

iPhone Xs Max:

The iPhone Xs max is the same as the iPhone Xs just with a bigger screen. It will also be water resistant, have face ID, have augmented reality, have an A12 bionic chip, have durable glass, and has animoji!

iPhone Xr

The iPhone Xr is the new cheaper model of the iPhone Xs and is a starter phone with most of the same features. This phone has a liquid retina display which is a new type of display for electronics. It is also water resistant like the Xs and the Xs max. It is very durable and has advanced face ID. Lastly, the iPhone Xr has a single camera unlike the Xs and the Xs max .



The Flu is Coming to a Town Near You

Last year 80,000 Americans died from the flu, including 200 children. This was the highest death toll in more than a decade. The virus tends to affect young children and the elderly more than any other age group. The flu is a contagious respiratory illness that infects the nose, throat and sometimes lungs. The best way to prevent the flu is to get a flu vaccine each year.

On October 12th Lime Kiln held its own flu clinic and vaccinated students. Flu season usually begins as early as October and peaks around March. In case you didn't get your flu shot, many grocery stores and pharmacies administer the shots and it is usually covered by most insurance plans. Get your flu shot soon because as the saying goes, "better safe than sorry."

Five Nights at Freddy's Ultimate Custom Night

By Anna Strub

Five Nights at Freddy's jumpscare video game series has a new game to join its many others, called Five Nights at Freddy's Ultimate Custom Night. Like FNAF 1, and FNAF 3, you're in an office; Freddy Fazbear's Pizzeria, playing in night guard, and the animatronics are coming after you. In this game though as the name suggests, you get to choose which animatronics you want to face off against. There are also special challenges in the game, such as Ladies Night where you face off against the female animatronics such as Chika and Circus Baby. Another example would be bears attack where you have to face off against all of the Freddy's. Whenever you earn 700 points from completing a challenge or making it to 6am, you watch a cutscene with either Chika's anime high school life, or Samurai Freddy v.,s. Samurai Foxy. With 14 controls, having to collect coins and watch over two side doors, two vents, and two air hoses, this game can be extremely challenging. FNAF UCN can be played on Microsoft Windows. FNAF UCN was released on June 27th, 2018.



Try This Word Scramble!

DYEDRF ZABFAER ZIPZREAI



Answer: Freddy Fazbear Pizzeria

1.4 Million Dollar Painting Shreds In Minutes After Auctioned

By: Serena Goyal

Imagine how you would feel after spending 1.4 million dollars on a piece of artwork only to see it self-shred in a matter of seconds. That feeling of dismay and frustration is exactly what British prankster artist Banksy had in mind when he set up the whole scheme. On October 5, 2018, the painting titled, “Girl With Balloon,” was auctioned to an anonymous buyer for 1.4 million dollars. The painting itself was a spray painted, acrylic piece of artwork made on the streets of London. However, it wasn’t just your typical piece of art. Banksy had pre-planted a shredder inside the frame of the painting years before the auction so that he could shred the painting seconds before reaching the buyer. You may ask yourself, “Why would someone do that in the first place?” and the shocking truth: no one knows! Some believe it was for the attention while others suppose that Banksy possesses a very odd sense of humor. There was both an advantage and disadvantage with this plan. On one hand, Bransky rose to fame and most certainly earned a fortune with this stunt. On the other hand, the anonymous buyer gave up 1.4 million dollars to an artist for...shredded paper! Who knows when Banksy will strike next? Who will be the next victim of his mischievous painting pranks?



To watch how the whole thing played out click the link below:

<https://youtu.be/E-d1Hozj6-s>

Fall Jokes!

What did the tree say to autumn?	How do you fix a broken pumpkin?	What is the cutest season?
Leaf Me alone	With a pumpkin patch	Awwtumn

IPCC report

By Eli Stettner

As many of you know the International Panel on Climate Change report was released a couple weeks ago. The report considers the impact of 1.5C, in contrast to 2C degrees of warming and how to achieve the lower target. The dangers of two degrees of warming are much greater than 1.5 degrees. Unprecedented change is needed to prevent the global temperature from reaching above 1.5. The world must curb emissions by 2030, and have net zero emissions by mid century. Even with this effort there still likely to be an overshoot of temperatures, which if for extended periods could be extremely dangerous to many. Carbon capture techniques will also be needed, although they're still experimental today. In conclusion, we all must take strong action, governments, companies and individuals, to form a better world for generations to come.

Joker Movie 2019

By: Olav Jensen

The new Joker movie is an origin movie about the Batman: a well known DC character. The Joker is coming out in 2019 starring Joaquin Phoenix as the Joker. Joaquin Phoenix has been in many great movies such as Gladiator(2000), Her(2013), Walk the Line(2005), and You Were Never Really Here(2017). The movie is also starring Zazie Beetz as Sophie Dumond, Robert De Niro as talk show host, and Bill Camp as a Gotham City Police Officer. The director of this movie is Todd Phillips who directed many great movies such as The Hangover(2009), War Dogs(2016), and Starsky and Hutch(2004). We hope this movie does well in the future.



Trailer: <https://www.youtube.com/watch?v=bjAHeFqKdDE>

Historic Japanese Asteroid Rover Landing

By: Ellen Hasegawa

In December 2014, Japan launched the Hayabusa2 that would take around 3 ½ years until it landed on an asteroid called Ryugu. The Hayabusa2 would drop two rovers (called MINERVA-117) on the surface of the asteroid to collect temperature data and help scientists plan where Hayabusa2 will land in 2019. On September 21, 2018 the rovers successfully landed on the surface and collected samples and data. A following launch on October 2 of the Mobile Asteroid Surface Scout (MASCOT) to Ryugu's surface was fortunately completed. Both the MINERVA-117 and the MASCOT might collect enough data and maybe even discover some new data to help scientists figure out the genesis of the universe.

The first three rovers were to help scientists collect data on the asteroid's surface but Hayabusa will conduct a third interesting experiment in 2019. The Hayabusa2 will send a four pound object flying towards the asteroid, and it will hopefully create a crater that goes deep enough into the surface. Later, the Hayabusa2 can collect samples and data from the inside layers of the asteroid. This asteroid was singled out because of its carbonaceous composition (high carbon percentage). Scientists will hopefully use the data from the asteroid to find conclusions to why certain space events happened in the past.

Should Plastic Straws be Banned?

By: Grace Morris

Slurp! There goes that delicious smoothie! Did you know that about 500 million Americans use plastic straws in one day? And that's just in the United States! There's estimated to be about 8.3 million straws found on our beaches every day. Some people think that plastic drinking straws should be banned, however others say there's no need to ban them. Plastic straws can be harmful to the environment. Since the plastic doesn't decompose, it winds up getting in the oceans, and polluting the waters. There's even a video on YouTube that shows a video of a turtle with a straw up its nose! Lots of marine life often mistake plastic for food which can cause lots of problems for them. Seattle, Washington recently became the first major city to ban plastic straws. Many people are taking a stand against plastic straws too. A lot of cities and towns in the U.S are starting to limit the use of plastic straws in restaurants and in grocery stores. Some disagree and say there's no need to ban them until we find more eco-friendly alternatives. Some disabled and elderly people rely on the bendable plastic straws in order to drink properly. And without the use of plastic, people might use paper instead, which uses a lot of energy and creates and increases air and water pollution. "My father and I wash and reuse non-toxic plastic straws" says Maria Suarez 10. "Passing more laws to ban them won't help much" she says. Some agree with Maria saying " Instead of prohibiting them, we should encourage more environment friendly alternatives. Now that you've heard both sides what do you think? Should plastic straws be banned?"

Hurricane Michael

By Isabelle Ives

Hurricane Michael was one of the strongest storm to ever hit Florida, killing 39 people. Starting down near Mexico, Michael worked his way up to a category 4. Almost 500,000 people had to be evacuated. By the time the hurricane passed through the Florida Panhandle on October 10, it had 155 mph winds, becoming the third strongest hurricane to hit the United States of America. Serious damage occurred, including power outages and fallen trees. 1.3 billion dollars was lost due to agriculture damage. Manly pecan and cotton farmers were affected because of destroyed crops. The total damage cost was 8 billion dollars. In Mr. Glaze's geography class we followed the tracks of Hurricane Michael. He was a depression in the Gulf of Mexico when we first looked on the NOAA website. It turned it's path north over the next few days catching Florida by surprise and then heading up to Virginia.



The Game of Fortnite

By: Sapphira Myers

Fortnite is a popular first person shooter game that has made a huge impact on kids and young adults all over the world. With more and more people playing this game, the popularity has been growing exponentially throughout this year. The objective of the game is to kill opponents and be the last one standing in three main game modes: Solo, Duos, and Squads. In some situations, Fortnite implements special game modes that build off of the classic game modes. Recently, they added the new in-game tournaments where you scrimmage against other players as a solo, duo, or in a squad. In all of these modes. You have to get all different weapons, shields, and other cool tools.

[Fortnite Trailer](#)

How Far is the Human Race from Space Travel?

By Michael Liu

Some people think that they were unlucky to be born into a time where space colonization wasn't possible. However, many people don't know that we could actually start today. According to [Kurzesagt](#) it wouldn't cost that much money to build a space station. It is possible today to start space colonization. We do have the technology and money to build the space station, but we can't because it is hard to get governments interested to fund the space program. [Kurzesagt](#) says that NASA estimates that it can be complete in ten years and cost 20-40 billion dollars. [Kurzesagt](#) says that the best place to first colonize our galaxy is the moon. The moon is very close to us and we have been there before. The moon has many materials, with them we can refuel rockets and build space elevators. It will be very beneficial for space travel, but it will be very challenging.

It would be very hard to survive on the moon. A moon day lasts 29 earth days. On the moon we can not survive if there is no sunlight to produce electricity to power up the space station. During daytime on the moon it is about 100 degrees C and a Lunar night is minus 173 degrees C according to [www.space.com](#). It is hard, but humans are good at doing hard tasks states [Kurzesagt](#). When industries develop business and trade starts, it will open up more jobs and more people will arrive on the moon. People like businessmen, pilots, and representatives for their own country's will work on the moon. One day the moon won't be a place where people work, it will be where people live. Materials such as titanium, platinum, uranium, gold, and other raw resources can be found on the moon. With all of the resources on the moon we may be able to build the first space elevator and it can be our future for space exploration states [Kurzesagt](#). Like America the moon could separate from the earth and claim their independence or it could be a place that is neutral. People still might think that space colonization is very far away in the future, but it actually might happen very soon. If we were to start we would colonize the moon. It contains many resources and can be a great place to start long distance space travel, but it will be challenging.

Word Search!!

Space Travel Word Search Puzzle

F S A T E L L I T E F G I Q	APOGEE	ROCKET
T F R M G T U A N O R T S A	ASTRONAUT	SATELLIT
T R O O L R X A I P A E V R	ATMOSPHERE	SHIP
C O A U E W A E S P I L L E	CELESTIAL	TRAJECTC
N U M J W T D V Y R P D A S	COUNTDOWN	UNIVERSE
A I T S E L E C I J B T R H	ELLIPSE	URANUS
S S T O P C P M V T M U E I	GRAVITY	VELOCITY
U R O C K E T E I O Y N V P	MARS	VENUS
N A C N E V L O S W P I O Y	MERCURY	
A J P R Y O E P R R S V L R	METEOR	
R S B O C Y H N O Y R E U U	MOON	
U S O I G E T B U A A R T C	NEPTUNE	
X H T M R E E Z F S M S I R	PLUTO	
G Y J E X N E P T U N E O E	PROBE	
N W O D T N U O C H Y K N M	REVOLUTION	

Meet Our New Vice Principal Mrs. Smith!

Interview Questions Made By: Aelia Thakkar

Q: How do school administrators find out if they are transferring to another school? What were you doing when you found out?

A: As a part of the administrator's contract you are informed that, at the school board's discretion, you could be moved at any time and to any school. I was in the media center having a meeting with the student resources team when I was brought in and told that I was leaving HMS.

Q: What was your initial reaction to the news that you were transferring?

A: I was sad to leave the students and staff at the school, but excited about the next journey in my professional career.

Q: Many of the students have noticed significant changes to the school with your arrival. Which of those changes do you think is the most successful?

A: This is a tough question since I was not here last year to compare things before to things now. What is seen as changes are just the way I have always structured things in my educational career...even as a teacher. I hear from some students and staff that setting the expectations during that first week of school has made a great impact. When Mrs. Lublin and myself spoke to all of the students in small groups to go over the schoolwide as well as the Howard County expectations seems to have had the most impact. The music that we play on rainy days at lunch seems to be one of the things that the students really like.

Q: I personally will be leaving the school after this year. What will the future years of Lime Kiln Middle Schoolers be looking like, according to you?

A: I envision that the school will continue to work on building community in order to make LKMS a great welcoming place for students to learn and staff to work.

Q: What is your favorite unchanged aspect of the school? Is it a person, a place, a group?

I enjoy all aspects of the school. The staff does a great job of making decisions that are best for students. I really enjoy working with Mrs. Lublin. I am learning a lot under her leadership. Lastly, my favorite part are the students. I enjoy watching them learn in the classrooms and love



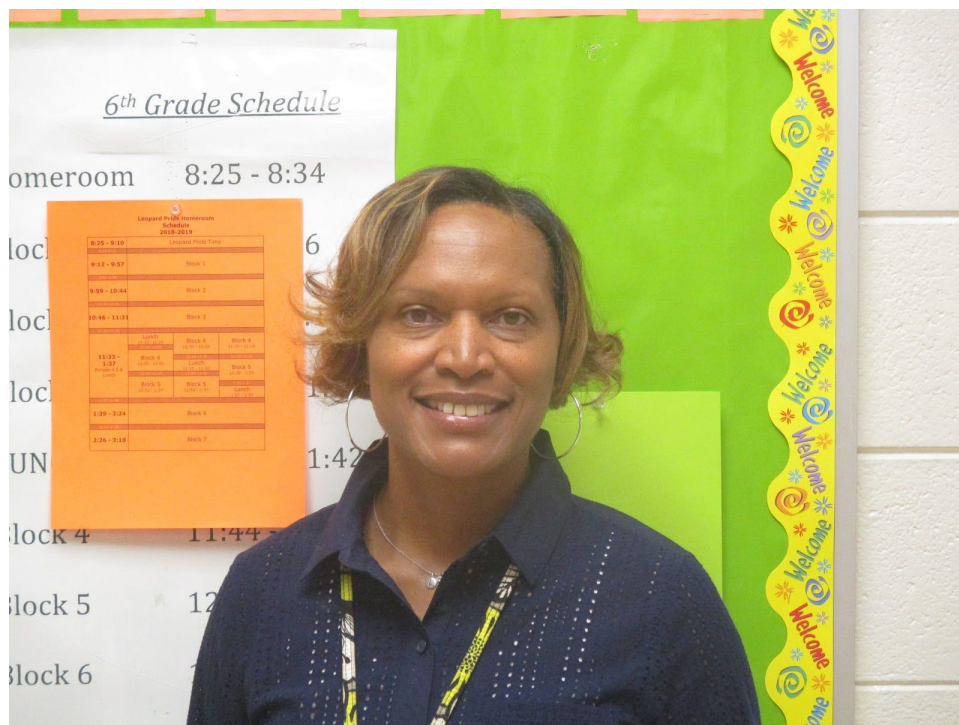
to hear about all of their achievements. I saw last year's PBIS video and look forward to seeing what each Leopard Pride Homeroom comes up with this year!!

Q: What reception have you received from the students, in your own opinion?

A: This isn't my first time transitioning into a school behind someone who has worked in the building for many years. With that being said, I feel the idea of change can be tough for some students. All in all, I have received a fine welcoming. My door is always open to students if they want to stop by and say hi or discuss any concerns that they may have. Several students have done that already. It is in these small conversations that students really get to know who I am.

Q: Are there any quirks or personality facts that you are willing to share with the students and staff?

I am not sure if these are quirks but I love Marvel movies and tv shows, but Wonder Woman (DC Comics) is my favorite superhero. I collect elephant figures and I love music and dancing.



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