

Cheverly STEM Buzz

Cheverly STEM Education Center Student Newspaper

Cheverly, Maryland

October 7, 20



COURTESY: WhiteHouse.gov

Global leaders want to cool down global warming

By Sara, Buzz Reporter

The world is warming at a fast rate. As of April, carbon dioxide levels crossed the 400 parts per million (ppm), line for the first time in at least 800,000 years.

Burning fossil fuels like coal and oil contribute to global warming and humans are clearing vast amounts of forests each year, which can, using the slash-and-burn method, add pollution. Also, trees decrease the amount of carbon dioxide in the air and add more oxygen instead.

"This is a man-made issue, and man needs to be more mindful of the new products we produce and how they can affect the Earth," said Maryland resident, Yvonne. "This will eventually affect peoples' health and be the destruction of the Earth as we know it today."

Global warming can cause global temperatures to rise sharply, making once fertile land become a barren dust bowl. Also, ice caps can melt, causing coastal areas and low-lying places flood. Severe storms like hurricanes and monsoons could become more frequent and more dangerous, meaning that level one hurricane in the future could be like a Hurricane Katrina or Andrew to us in the present.

However, we can slow down this process and give the earth time to heal itself.



We can make the shift to renewable resources like solar panels, and electric cars and stoves. Also, the Environmental Protection Agency and the Obama administration have worked to cut carbon emissions by as much as 30%.

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Check out 'Little Free Libraries' to celebrate Book Month

By Bena, Buzz Reporter

October is Book Month, a whole month dedicated to reading. No matter the genre, length, or style, this is a month to satisfy your book needs.

Makayla is an avid book reader.

"I read books to be somewhere else, and for happy endings, because I know they aren't always real. Books can bring people together," said Makayla. She made a pledge to herself to read a new book every day of October. But you don't have to do that just to show your appreciation of books this month.

You could visit the library or bookstore, or contact your favorite author telling them how much you idolize them.

You could go to a Book Fair or Festival, or reread a favorite.

You can also check out the Little Free Libraries (LFL). These are basically a box which the owner can decorate any way they choose. Then they set it up, fill it with books of their choosing, and watch people enjoy them.



COURTESY: LittleFreeLibrary.org

"Take a book, leave a book," that's their motto.

"I love reading and sharing books. I love people who love books," said Little Free Library owner, Teresa Williams. She said she received her LFL almost a year ago.

"I got mine for Christmas 2013, but didn't install it until May. We ordered it off of the website, but you can also make your own," Williams said you have to keep a close eye on these mini book centers.

"You need to monitor it, put books in, make sure it hasn't been vandalized, among other things. I stamp the books and have little information guides inside about the library and how it works. I also keep a guestbook in there, so people can leave notes and suggestions. Your library can have a theme of genres or style.

Continued page B "Books"

How kids can help Maryland shelter dogs

By Sydney, Buzz Reporter

October is Adopt a Sheltered Dog Month. The Baltimore Humane Society (BHS) has nine dogs that need to be adopted. Adult dogs over the age of six months and over 25 pounds cost \$100 to adopt. Small dogs under 25 pounds cost \$150 to adopt.

You must be at least 18 years old to get a dog from the BHS. About three percent of the shelter dogs at BHS have broken bones, said a staff worker.



In order to adopt a dog you must visit the shelter and meet the dog you want. You will have to fill out an application. After that it takes two days for an adoption counselor to let you know if you can take a dog home with you.

BHS counselors say dogs are sometimes adopted to families in different states, not just Maryland. If you adopt a dog and decide that you don't want them anymore you are not stuck with the dog.

"They can bring them back, it is in their contract, if they don't want them they have to bring the back," added the staff worker.



Buzz reporter Sydney visited the Baltimore Humane Society to learn how kids can help shelter dogs.

Continued page B "Dogs"



COURTESY: ecowatch.com

Vegetarianism: Beyond vegetables and fruits

By Julian, Buzz Reporter

October is Vegetarian Awareness month. A vegetarian consist of more than eating only salads, fruits and nuts. Vegetarians are frequently asked, "Where do you get your protein from?"

Local vegetarian and musician, Ziah Ayubu, first became a vegetarian because of the rastafarian culture which refrains from eating "flesh and blood."

"After reading later on in life, I realized it was more than that. It was about cleanliness, health and more." Ayubu said.



A number of researchers argue that while the human body is capable of digesting meat, our bodies are actually designed to be herbivores. Several studies show that a plant-based diet increases the body's metabolism, causing the body to burn calories up to 16% faster than the body would on a meat-based diet for at least the first three hours after meals.

A British study revealed that a child's IQ could help predict his or her chance for becoming a vegetarian. The higher the IQ, the more likely the child will become a vegetarian.

Research reveals that if a man avoids red meats, it improves the sex appeal of his body odor. Plants yield 10 times more protein per acre than meat.

Ironically, Jeff Juliano -- the actor who originally played fast food icon "Ronald McDonald," is now a vegetarian.

Continued page B "Veggie"

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Kwayera Clemons performs praise dance with her sister Buzz reporter Kandia. Dancing is an activity Kwayera enjoys off the ice rink. COURTESY: YouTube

Ice skater discovers new talents following Osgood-Schlatter diagnosis

Kandia, Buzz Reporter

Kwayera Clemons was a professional figure skater. Her dreams came to an end when she felt a sharp pain in her left knee. Later she found out the disease was called Osgood-Schlatter.

"Oh wow," Clemons said when the doctor told her. She was devastated.

"I guess I have to think of another sport that I enjoy doing," said Clemons.

Even though today, she plays soccer she still likes ice skating better. Clemons said if she had the chance she would not go back to ice skating.

"I would rather do dance or gymnastics because I don't have the passion for it anymore," she said. She said if she never had gotten the disease, she thinks she would have stopped ice skating by now. ###



Surviving Breast Cancer

By Shaila, Buzz Reporter

Shantina Ferguson developed breast cancer five years ago.

Continued page B "Survivor"

Pregnancy and Infant Loss Awareness Month

By Nyrere, Buzz Reporter

Pregnancy and Infant Loss Awareness (PILA) month focuses on supporting all who have had a miscarriage or stillborn.

"I was sad and hurt, and I almost felt lost, and afraid that I couldn't have any more babies" said a mother who chose to remain anonymous. "I was drained, I was frightened that my body reacted. All of a sudden I was bleeding just bleeding," she said.

Having a miscarriage can be a very traumatizing thing to some. Some couples don't realize why they're having miscarriages. Your partner could be infertile but there are other reasons a miscarriage can happen.

Miscarriages are often caused by low progesterone levels in women. Progesterone prepares the uterus for pregnancy. Drops in uterus lining can lead to spotting, bleeding, and miscarriages. To prevent miscarriages, women may want to have a doctor check progesterone levels before getting pregnant. ###



COURTESY: National Breast Cancer Org.

"Survivor" continued

She is the mother of two daughters, 16-year-old Shaila and 12-year-old Lailai. Ferguson is a single mother, raising her girls alone. When Shutina found out she had cancer it took a toll on her and her family. Ferguson's girls were very worried about their mother. All they knew was there mother was very very ill and might not make it. While Shutina was in the hospital her mother took the kids in an effort to help them understand that she was going to be okay.

"I won't complain," Ferguson said. She went through alot multiple surgeries back to back, but at the end if it all she made it through. Ferguson says her girls are happy to have their mother back in good health.

The doctor says the cancer is gone and that she would be fine. Shantina is still smiling and going back to the doctor's office for routine check ups. ###



Christmas Babies

By Zoe, Buzz Reporter

Christians believe Christmas is a holiday to celebrate the birth of Jesus. It is celebrated on the 25th of December, because it is around the time that people were already celebrating other holidays. The first Christmas celebrations were more like a huge party than Christmas now.

Ninety-six percent of Christians in the U.S. celebrate Christmas, while 81% of American non-Christians also celebrate the holiday.

A study from Harvard University says that September 16th is the most common birthday in the U.S. February 29th and December 25th are the least common birthdays in the U.S.

The World Health Organization says that there are an average of 370,000 babies born every single day world wide. This means there are more iPhones sold each day than babies born. The number of iPhones is almost 378,000.

My sister Madison Montague was born on Christmas. When asked how it feels to be born on Christmas, Madison said, "It feels cool, but I have to share my birthday sort of because it's Christmas."

Madison said she is "pretty excited!" when it's her birthday "because it is Christmas too!" I also asked if she would have her birthday everyday if she could, but she said, "No, because I like the summer and the winter." ###

"Climate" continued

At the Climate Summit Meeting last week, President Barack Obama spoke about climate change and how the world can combat it. Other nations like China and India have agreed to reduce carbon emissions. The White House has also started taking steps to reduce the use the use of hydrofluorocarbons, or HFCs, a bigger threat to the atmosphere than carbon dioxide.

"Books" continued

Ours is styled after Mount. Vernon, although any genre of book is welcome,"Williams added.

"People seem to enjoy it! They'll sit in the chairs we've provided and read," Williams said. So far she hasn't had any major vandalism incidents.

"Somebody drew hearts all around the front, though," said Williams. She said she enjoys watching people stop and read.

"I love to see parents with their children reading on the benches," Williams added. ###

"Dogs" continued

If you really don't want to adopt a dog BHS needs volunteers at the shelter too. Volunteers help by cleaning the animals' kennels and by giving help to their vets. If you are a person who likes to get exercise and be helpful, you can take the shelter dogs for walks.###

"Veggie" continue

Food, especially eating meat, has been a central question of Christian history. Many theologians argue that the vegetarian diet is the most compatible with Christian values, such as mercy and compassion.

While vegetarian diets tend to be lower in calories and higher in fiber (which makes a person feel more full), some vegetarian diets can cause higher caloric intake than a meat diet if they include a lot of cheese and nuts.

If you switch from the standard American diet to a vegetarian diet, you can add about 13 healthy years to your life.

Being a vegetarian goes far and beyond just vegetables and fruits. In fact, having a vegetarian diet affects animals, the environment, mental and behavioral health as well as the quality and length of life.

"Being a vegetarian makes me love and appreciate life more because I don't have to kill anything to survive. I feel lighter and my mind is not clouded," Ayubu said. ###

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