

Cheverly STEM Buzz

Cheverly STEM Education Center Student Newspaper

Cheverly, Maryland

April 21, 2015



Patient Huseyin Ulucan with wife Meryem. COURTESY Daily Mail

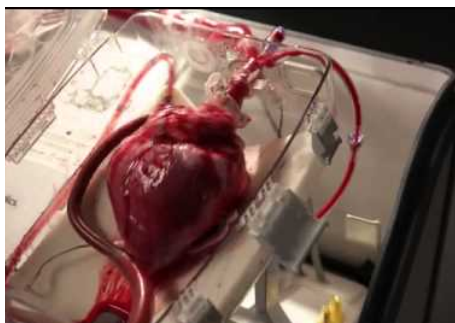
The UK's First Non-Beating Heart Transplant

By Nyrere, Buzz Reporter

The first non beating heart transplant has been accomplished in the United kingdom.

Surgeons have given a sixty year old man the gift of a new heart. The organ recipient even left the hospital four days after the procedure.

The heart recipient, Huseyin Ulucan had a heart attack in 2008 and consented to receive treatment. The procedure involved putting a non-beating heart in Ulucan's chest within a time limit of five minutes of the heart donor dying, then restarting the beating of the heart. The activity of the heart was monitored in the ultrasound for fifty minutes and if the heart is still doing well surgeons begin the transplant taking out the defective heart and putting in the donor heart.

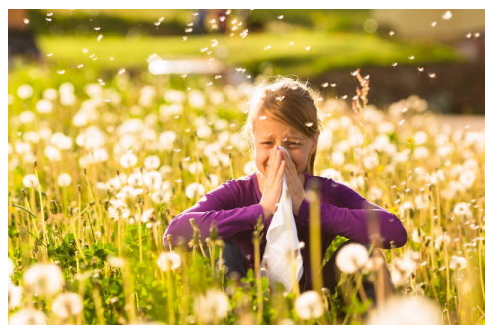
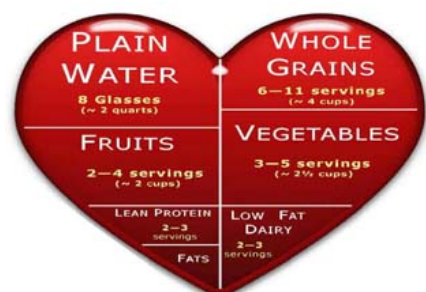


COURTESY: YouTube

When the surgeons decide to go ahead with the heart transplant after waiting fifty minutes, they put the heart in a "heart in a box machine" to circulate blood and nutrients while the patient is being prepared for surgery.

Patient said that after the procedure he had some trouble breathing but eventually he was able to get back home and begin regular hospital checkups to make sure his hearts still functioning properly.

Before this procedure was created people in need of a new heart could only receive beating hearts from a people who were brain dead. ###



Coping with Spring Allergies

By Girls, Buzz Reporter

Spring, a season full of flowers, fun, and friendship, but what can be fun, can also be miserable for some. Many people around the world experience springtime allergies, such as itchininess of the eyes, backed up nostrils, running eyes, etc.

"Every spring my eyes itch and I get a runny nose," said Brandon King.

As the trees start to bloom they release pollen, which gets into the air we breathe, as we breathe pollinated oxygen it causes irritation. The immune system, mistakenly seeing the pollen as foreign invaders, releases antibodies, thus the battle between the two causes allergic reactions in your body.

Methods that people use to alleviate allergies are as varied as the symptoms.

Manuel Paucar said he turns to a cough drop allergy medication made for kids.

Avid gardener, Megan Clarke said, "when the pollen is high and I have to do yard work... I wear a face mask." to get relief from allergies. ###



- 1 Apples
- 2 Red Grapes
- 3 Broccoli
- 4 Garlic & Onion
- 5 Citrus Fruits
- 6 Nuts
- 7 Collard Greens
- 8 Fish

NaturalHealthyConcepts.com Source: NaturalNews.com



Marvel vs DC Comics

By Madison, Buzz Reporter

Super heroes are super popular, especially those from Marvel and DC Comics. Both make action figures, comics, movies, and have TV series.

A list of the 50 most current popular TV programs shows four were based on Marvel characters and one was based on DC characters.

One of those shows, was Marvel's Agents of S.H.I.E.L.D. Agent Coulson is head of a team of agents that investigate strange things around the world and protect people from danger. Its members are a group of fellow agents including: combat expert and on and off team member Grant Ward, pilot and the Calvary Melinda May, engineer Fitz, scientist Jemma and computer hacker Sky.

DC is a little more old school and Marvel is a little more with the newer stuff. DC has the Justice League, Superman, Wonder Woman and the Flash, while Marvel has S.H.I.E.L.D, Ironman, Hulk and Thor.

"Well, the first thing that comes to mind when I think about DC is comic books and when I think about Marvel it's their movies," said Alonzo Macer. "I like Marvel better because of their movies."

"Each has a place in my heart, but I prefer DC as they have characters and struggles that you can relate to," said Maurice McCullough. "For shows I prefer DC. They are darker and geared towards the older generation." ###

← CYBERBULLYING RESOURCES

www.sprint.com/4netsafety
www.netsmartz.org/Parents
www.myclubmylife.com/mediasafety

CYBERBULLYING STATISTICS*

- **42 percent** of youth have been bullied while online. One in four has had it happen more than once.
- **35 percent** of youth have been threatened online. Nearly one in five have had it happen more than once.
- **21 percent** of youth have received mean or threatening e-mail or other messages.
- **58 percent** of youth admit someone has said mean or hurtful things to them online. More than four out of 10 say it has happened more than once.
- **53 percent** of youth admit having said something mean or hurtful to another person online. More than one in three has done it more than once.
- **58 percent** of youth have not told their parents or an adult about something mean or hurtful that happened to them online.

*Based on 2014 iSAFE survey of 1,500 students grades four through eight. www.isafe.org

Sprint BOYS & GIRLS CLUBS OF AMERICA



COURTESY: Jon Cozart

Jon Cozart : YouTuber Making Musical Hits

By Erin, Buzz Reporter

"My grandma says I was singing in the cradle. I started acting in high school, and I really loved the stage," said Jon Cozart. He is a popular YouTuber.

"I've always loved YouTube. It's the most direct way a creator can connect with an audience" said Cozart, "I've always loved parodies. I thought I could talk about the things I loved while also creating friendships with people who love the same.

Cozart is well-known for his clever videos of song parodies. He has done a lot of Disney songs. Cozart has made songs parodies for many Disney princess songs including: "Under the Sea" (The Little Mermaid), "Let it Go" (Frozen), "I'll Make a Man Out of You" (Mulan) and many more. Cozart also makes parodies for Christmas and popular songs from the radio, for example he has made a parody medley of Lady Gaga songs.



COURTESY: AustinChronicle.com

Cozart is a 22 year old college student at the University of Texas, where he is currently majoring in Film Studies. He explains that although he enjoys singing – he sings all of his parodies acapella – he prefers film producing.

"I usually just take the things I like and make new things out of them. Most of my videos are inspired by stuff other other people do first," said Cozart. "I love the editing process. It's probably the thing I'm best at and it's easiest for me."

Cozart has advice for people who have an interest in starting their own YouTube channel.

"Don't do it for the fame or money. Just do it because you love YouTube and love making videos. It's a competitive place."

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Find Your Inner Monster at the Library

By Sydney, Buzz Reporter

Monster High books belong to the Monster High doll collection. It is made by Mattel toy company, who also makes Barbie.

A librarian at Surratsville- Clinton Public Library in Maryland said, Monster High books are popular fiction novels that are written by Lisa Harrison. The book series is about teenager monsters being teenagers. They go on adventures, make friends, and learn new things without the humans seeing them.

The official website monster.com explains that Monster High teens should like themselves and people who are different. There are four original books in the series and other books that borrow some of the characters.



Although this series of books are in the group called Young Adult Novels, kids ages seven and up read them. When asked about the recommended age, "My personal opinion is nine to 12," the librarian replied.

The dolls are the main characters in the book series. These characters go to Monster High, a school for monsters, only. There are six main characters and they all have "freaky flaws".

Clawdine Wolf, is an athlete, and has super hairy legs. She always stands up for herself and is very popular.

Dracula is not like most vampires. She has no powers, she is a vegetarian, and she faints when she's sees blood.

Cleo de Nile, she's a diva, she doesn't like sports, and she's afraid of the dark.

Continued with "Monster"

"Monster" continued



COURTESY: Monster High

Frankie Stein, was made in a laboratory by her dad. She is smart, loves to read and go on adventures but sometime her stitches come out and she loses a body part.

Lagoona Blue is the best swimmer at Monster High. She's popular, and helps keep the environment clean and healthy. She's creepy because her skin gets dry outside the water and the school pool turns her hair blue.

We must also know about Rebecca Steam. She is not one of the main characters but she is important because she was made by a human and the monsters let her in the school. She's like a machine, with rocket boots. But something's not working with the computer in her body, so she is always late for things.

These scary-cool teens call themselves "ghouls" instead of girls and most of them have boulfriends, not boyfriends.

Hugh Downs, a 13 year old, student studying at the library does not seem to be at all interested in reading the young adult novel series and he doesn't see other boys his age reading it either.

"It does not look that interesting to me. It looks like the characters are more pointed toward girls," said Downs.

The librarian at Surratsville -Clinton Public Library can not be sure if boys are checking the books out. Even though she says the books are popular, this library branch has three books in the series and they are all on the shelf.

As you might have guessed by now, the teen monsters are children of werewolves, vampires, sea monsters, zombies, mummies and ghosts.

Clawdine for example is the Daughter of Wolverine. Some monsters are mixed raced. For example Neighthan, a bouf, is half unicorn and half zombie. And then there is Sirena, a ghoul, who is half mermaid and half ghost.

There are monster high TV movies that have aired on Nickelodeon . You can now find them on Netflix.

There are also lots of video games for Ninetendo and Wii. There are also games online at Monsterhigh.com ##



COURTESY: Dance Dimensions

Dance Dimensions Prepares for Spring Concert

By Zoe, Buzz Reporter

Dance Dimensions is a performance company at the Slayton House in the village of Wilde Lake in Columbia, Maryland. It is an award winning dance company.



COURTESY: Dance Dimensions

They teach kids as young as seven year old, that want to become dancers. They also teach adults and teens.

"My friend Abby was going and I wanted to try something new" answered dance student Miss Montague . "It's something fun. I feel excited to dance because I like learning new routines."



COURTESY: Dance Dimensions

The artistic director is Marilyn Byers. Dance Dimensions is has been called "designated cultural ambassador for the state of Maryland".

The 2015 spring concert will take place May 9th at 6PM at the Slayton House. The tickets are \$20 for adults and \$12 dollars for kids. ###



COURTESY: mmogames.com

Editorial: Animal Jam: Safe or Insecure?

By Hayden, Buzz Reporter

The online game Animal Jam is a much loved play site with the main purpose of teaching kids about nature. It's known for being safe and secure. But is it really? Experience has shown that multiple jammers have found ways to call each other mean and inappropriate names. In an area called Sapria Forest, people continuously "physically" fight. When one

jammer is "hurt", some will use a red paint splatter pattern in their fur. Animal jam will also let you put X eyes on yourself and multiple pets.

Jammers do other various things, like dress inappropriately, decorate their dens inappropriately, and just do inappropriate things. Some jammers make love story videos and post them on YouTube.

That in itself is fine, but they continuously have deadly and serious things in the videos like heart failure, guns, and serious diseases. Usually the daughter, girlfriend, or both lovers die. While Animal Jam has no control over YouTube, they should check out AJ videos to make sure jammers aren't doing inappropriate things.

Jammers find it too easy to find words that make up for the real words, like "did" for "dead." Jammers also host things at their dens like The Hunger Games and Meet Your Prince or Princess. While this next thing isn't such a biggie, jammers with free chat are able to say the ruder version of number one and two. Jammers also easily hack into other jammers accounts and take their stuff. One person has even made a website that tells you how to hack. Some jammers, if they're wolves, will attack and "kill/eat" deer and bunnies.

In conclusion, Animal Jam has some serious security issues and the administrators should pay closer attention. ###



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