

Cheverly STEM Buzz



COURTESY: NBPeds

Measles Vaccination Debate

By Bena, Buzz Reporter

The measles vaccination medical mandate for children in most schools has become the subject of a massive parental debate. Many parents are worried about the possible side effects of a vaccination, and wonder if they have to vaccinate their children even if they're healthy.

There have been concerns that these immunization shots will cause autism in children, because of certain ingredients in them. These ideas have panicked many parents who have vaccinated their children, and many parents who have not yet, and then decided not to vaccinate them at all. However, there are other parents and medical officials who say flu vaccinations (or any vaccinations, for that matter) will not cause autism, and it is best to vaccinate your children so they won't get sick.

A severe measles outbreak spawned in Disneyland amusement park January 7, 2015. It has infected more than 70 people, many of whom were unvaccinated.



COURTESY: FOX40

"I think it's important to maintain policies that prevent unvaccinated children from attending public schools and for states to tighten the exemption laws," said United States Agency for International Development (USAID) epidemiologist Charlotte Colvin. She serves on the Infectious Diseases Team.

Colvin said the original study that made a link between vaccines and autism (which took place in the late 1990s) has been widely discredited and many studies have proven there is no connection between autism and vaccines.

Some parents are hosting "measles parties," a gathering where unvaccinated children hang out with children infected with measles with the intention of the healthy kids catching it.
Continued "Measles"



David Oyelowo (as Dr. Martin Luther King, Jr.) discusses a scene with Director/Executive Producer Ava DuVernay on the set of SELMA. COURTESY: Commercial Appeal

'Selma' : Black History and Hollywood

By Giris, Buzz Reporter

February is Black History month. It's four weeks dedicated to celebrating famous historical figures such as Dr. Martin Luther King Jr. This slain civil rights leader is the center of the motion picture *Selma*. This movie is an American historical drama made in 2014, directed by Ava DuVernay.

Selma is universally praised for its cinematography, screenplay, and direction. It was nominated for an Academy Award in the Best Picture category and won the Oscar for the Best Song with the ballad "Glory" featuring rapper Common and singer John Legend.



COURTESY: ABC

Some activist say Selma was snubbed at the 2015 Oscars. Selma was nominated for four awards at the Golden Globes, including Best Actor in a Motion Picture and Best Director.

"I think that Selma was a compelling movie, and had strong performances. A movie such as this deserves recognition," said Satcha Robinson.

Some have suggested that the Oscar voters ignored Selma because of their lack of interest in civil rights and black history. A 2012 survey by the Los Angeles Times has shown that Oscar voters are 94 percent white, 76 percent male, and on the average are 63 years old.

In a 2015 *Democracy Now* interview, director DuVernay described the situation surrounding Oscar voters. "unless there's diversity amongst the people that are trying to come to [a] consensus... there will be a lack of diversity in what the consensus is."
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Cheverly S.T.E.M. Buzz is a product of the Cheverly S.T.E.M. Center journalism class. All content contained is purely for educational non-profit purposes. These student newspapers are posted weekly to <http://www.cheverlystem.com/>



COURTESY: Dan Gross/The Gazette

What is the Cheverly STEM Education Center?

By Zoe, Buzz Reporter

The Cheverly STEM Education Center is open two days a week, Tuesday and Wednesday from 10:00a.m.-3:00p.m. Students do not have to go all day or both days. They can pick which classes they are interested in. Classes are held at Cheverly United Methodist Church.

The co-owners are Jeanne Robinson and Ann Caldwell. They started the Cheverly STEM Education Center two years ago with just Science, Technology, Engineering and Math. Now there are arts classes as well.

"It's great. It's exactly what I needed," said Bena a student at the center. She started attending the program during her eight and ninth grade years. "I needed some science classes and it was really close."

Some of the teachers are Ann Caldwell, Jeanne Robinson, Nicki Mayo, Mark Garret and Kumari Robinson. All of the teachers have education and life experience in their subject. Some of the classes are Chess, Art, Engineering and Journalism. New classes may be added next semester. ###



COURTESY: ThePictureHouse.org

How to Make a Movie

By Erin, Buzz Reporter

Making short movies or music videos with friends can be tons of fun. There are several movie apps (applications for ipods and iphones) and iMovie to help you create a motion picture.

If you enjoy singing and acting you can record a video of your performances and watch it again later in a movie.
Continued "Movie"



COURTESY: Home Again

Pet Microchipping Can Save Lives

By Olivia, Buzz Reporter

Many cats and dogs are saved by a process called microchipping. It is a procedure where a small chip the size of a grain of rice is injected directly under the animal's skin.

If the pet is lost, whoever finds him or her can take them to a vet or shelter to be scanned for the chip. The owner will be contacted and reunited with their pet. When considering microchipping, many owners have questions.

How much does the procedure cost?

It is fairly expensive, at \$25-\$42. As any pet has the potential to run out the door when you're not watching, find unrecognized territory, and get itself lost quickly. The chance your cat will run outside is increased if they have lived outside, or have been outdoors without being in a carrier.

Do you need to change the cat's lifestyle before or after the procedure?

No, you and your cat can interact the same way you always do. The cat will not know anything happened, although they will be a little sore for a few days.

Are there any disadvantages?

Not at all. Your cat will be safer, will come home if lost, and will have the same personality after the procedure.



COURTESY: Home Again

Microchipping should be done on all pets, but some owners do not think their pets will get outside.

However, if your pet will be outside in any way other than the short trip to the car on the way to the vet, they should definitely be microchipped.
Continued "Microchip"

Cheverly STEM Buzz

Cheverly STEM Education Center Student Newspaper

Cheverly, Maryland

February 24, 2015



Dr. Rebecca Lee Crumpler

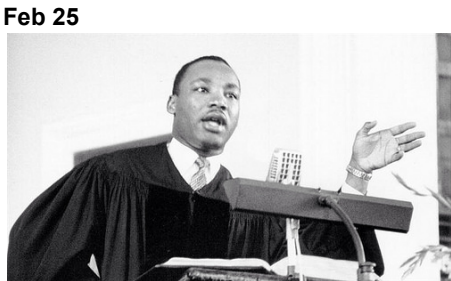
This Day in Black History

DayInBlackHistory.com

Feb 24
1864 - Rebecca Lee Crumpler becomes the first Black woman to earn a medical degree by graduating from the New England Female Medical College



1999 - Lauryn Hill ~ (R&B and hip hop singer) wins five Grammy Awards, the most a woman had ever received



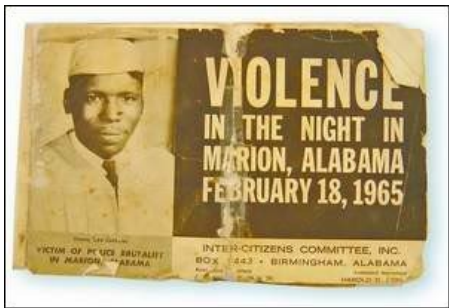
1948 - Martin Luther King Jr ~ (activist and civil rights leader) is ordained as a Baptist minister



1964 - Muhammad Ali ~ defeats Sonny Liston for the heavyweight boxing championship



Feb 26
1928 - Antoine "Fats" Domino ~ (singer) born



1965 - Jimmie Lee Jackson ~ (civil rights activist) dies of shots inflicted by the police after a voting-rights meeting in Marion, Alabama



Feb 27
1902 - Marian Anderson ~ (opera singer) born



1988 - Debi Thomas ~ (figure skater) becomes first Black American to win a medal at the Winter Olympics



Feb 28
1984 - Michael Jackson ~ (musician) wins eight grammy awards. ###



A scene from "The Case of the Missing Cookie" trailer

"Movie" continued

You can also make a short film or a parody music video of your favorite song. All you need to do is pick your favorite song and record yourself performing it. But, there's more – if you use iMovie, you can cut scenes, edit scenes and even add background music and sound effects.

You can also add the applause sound effect to the beginnings and endings of your performance to create the illusion that you are in a live concert performance.

iMovie is not always free to download – it depends on your device.

Here are some easy to follow steps for making a music video with iMovie

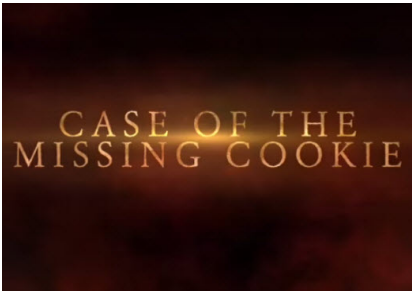


1.) Find a song that you like. It is best to learn all the lyrics before performing. You may have to download the song.

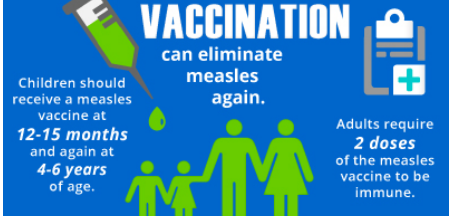
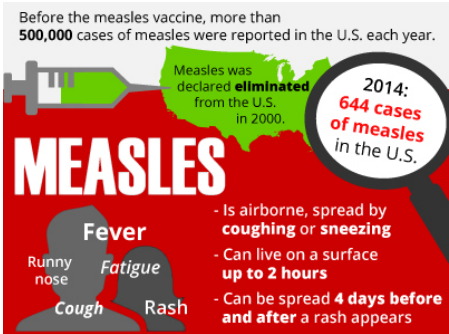
2.) Get a good movie app, like iMovie

3.) It might be a good idea to watch the real music video for the song before you make your own performance. Sometimes that will give you inspiration for your own performance.

4.) Record your own performance. It is always to best to record in scenes, so if you mess up, you don't have to start all over. ###



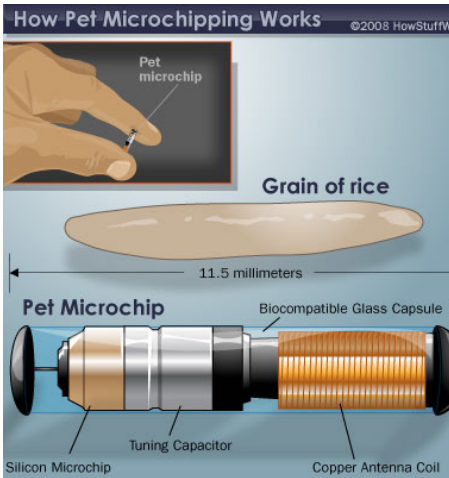
Case of the Missing Cookie coming soon to a YouTube near you.



"Measles" continued

"These are very dangerous and parents need to understand the risk before thinking about this or any other similar parties," said Colvin. "You will either have a very unhappy and sick child on your hands for a few days, or you could end up with a very sick child in the hospital," Colvin added.

She said measles can cause death very quickly if the disease spreads to the brain. "You could also end up exposing adults who no longer have immunity," Colvin stated.###



COURTESY: How Science Works

"Microchip" continued

Make sure that you register the chip, otherwise you may not get your pet back. "Often, pets go back to rescue groups because owners don't register the chip," says Dr. Kathryn Fink, a veterinarian at Beltsville Veterinary Hospital. "Aside from vaccinating it, the best thing you can do for your pet is giving it a microchip. If your chipless indoor cat gets lost, you probably will not see it again, and it is likely it will not survive on its own for long," added Dr. Fink. ###

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