



TALK NERDY TO ME

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The Dome Theater

By Walter Cline



The Dome Theater made a presentation to the students at Burch Elementary School, in Mingo County on Oct 17th. The Planetarium Dome is an educational inflatable technology based program that visits school to present science programs to students. Each presentation is 20 to 30 minutes in length. Teachers have 15 programs to choose from to give their students a Clay Center experience in their school.

The programs include Stellarium: Realistic skies in real time; Saturn The Ring World II is to gain knowledge of the gas giant and its spectacular moon; Future Moon takes you back to the Apollo missions and what a future lunar colony might look like; The Dinosaur

Prophecy join paleontologists at the scene of the crime and wondering what might have killed the mighty dinosaurs; Fantasy Worlds explore the limits of life and extra solar life; Earth's Wild Ride a heart pounding view of a water canyon ride near an erupting volcano; Passport to the Universe a journey through the solar system; Secrets of the Dead Sea comes alive through stories preserved through its cliffs and caves; Microcosm is an adventure to explore the eye, brain, ear and heart; The Search for Life, Are We alone explores if life exists anywhere else in the universe; Cosmic Collisions is a

trip through space and time to explore cosmic collisions; The Secret of the Cardboard Rocket experiences a breathtaking up close look at our solar system; Lucy's Cradle experiences the changes in the Earth's geology and climate; Night of the Titanic shows the unique conditions of Earth and space that with human error contributed to the sinking of the ship.

The students take a seat inside the dome and the projection takes the students on an unforgettable adventure without ever leaving their school. Dome Theater offers Music and Arts programs as well as Holiday programs for the students. This is a wonderful adventure for the students that live in rural area that may never be exposed to otherwise.

Web Highlight: National Archives

<http://www.archives.gov/>

Explore American history with 365 of the most fascinating documents and photos from the collections of the US National Archives. Today's

Document is an interactive gallery that displays a significant historical document or photo for each day of the year.



VH1 Save The Music



Impacting the lives of millions!

Did you know there has never been a school in WV awarded this grant? Let's change that!

VH1 Save The Music Foundation Grants - Benefits middle schools statewide and along with the West Virginia Division of Culture and History is helping to put brand-new band instru-

ments in the hands of our state middle-school students through a partnership with VH1 Save The Music Foundation and local community sponsors. Each participating school receives \$30,000 worth of instruments purchased directly from an area retailer, which helps stimulate the local economy. For more information about

how your school can apply for a grant to participate in the program, visit www.vh1savethemusic.com/ or contact Jeff Pierson, arts director, at jeff.a.pierson@wv.gov or (304) 558-0220, ext. 717.

Veterans Day

In the USA, Veterans Day annually falls on November 11. This day is the anniversary of the signing of the armistice, which ended the World War I hostilities between the Allied nations and Germany in 1918. Veterans are thanked for their services to the United States on Veterans Day.

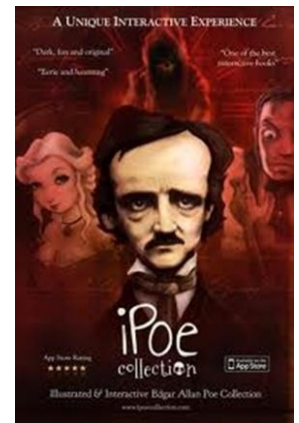
On the 11th hour of the 11th day of the 11th month of 1918 an armistice between Germany and the Allied nations came into effect. On November 11, 1919, Armistice Day was commemorated for the first time. In 1919, President Wilson proclaimed the day should be "filled with solemn pride in the heroism of those who died in the country's service and with gratitude for the victory".

There were plans for parades, public meetings and a brief suspension of business activities at 11am.

In 1926, the United States Congress officially recognized the end of World War I and declared that the anniversary of the armistice should be commemorated with prayer and thanksgiving. The Congress also requested that the president should "issue a proclamation calling upon the officials to display the flag of the United States on all Government buildings on November 11 and inviting the people of the United States to observe the day in schools and churches, or other suitable places, with appropriate ceremonies of friendly relations with all other peoples."



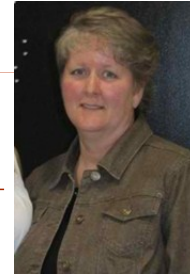
IPAD APP OF THE MONTH



A really great app for iPad. Students will get a lot of enjoyment from this one, especially with Halloween approaching! iPoe Collection. A new way to enter the chilling world of Edgar Allen Poe!

The Flipped Classroom

By Beverley Hager



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FLIPPED CLASSROOM
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What is the flipped classroom?

A reversed teaching model that delivers instruction at home through interactive, teacher-created videos and moves “homework” to the classroom. Moving lectures outside of the classroom allows teachers to spend more 1:1 time with each student. Students have the opportunity to ask questions and work through problems with the guidance of their teachers and the support of their peers - creating a collaborative learning environment.

What are some benefits of this method?

- Gives teachers more time to spend 1:1 helping students
- Builds stronger student/teacher relationships
- Offers a way for teachers to share information with other faculty, substitute teachers, students, parents, and the community easily
- Produces the ability for students to “rewind” lessons and master topics
- Creates a collaborative learning environment in the classroom

I'm really interested in this concept... now what?

Check out the information and real world examples below to learn what the next best steps are for you.

Why Follow the Flipped Classroom Model?

Take a closer look at the flipped classroom method to find out how it works and how it can help students at your school.

[Download a Printable Document to Learn More](#)

[See How Aaron Sams Uses The Flipped Classroom Model](#)

Flipped Classroom Basics

Trying the flipped model of instruction isn't an all-or-nothing decision. In fact, there's a lot to be said for starting small. Why not try it with one unit?

Flipping on a Large Scale

Interested in flipping your entire school or your entire district? Flipping on such a scale doesn't happen overnight, but we can help you get started.

[Download a Printable Document to Learn More](#)

[See How Greg Green Flipped Clintondale High School](#)

GED UPDATE



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By Jarred Cantrell



For the past year, GED facilities across the state have been making the transition from Paper Based Testing (PBT) to Computer Based Testing (CBT).

Recently the West Virginia Department of Education (WVDE) requested a hold in continuing the alteration of PBT to CBT. Although this transformation will continue in the near future, the information that the Department received recently requires the WVDE to check into another company offering a similar high school equivalency assessment. This new development could possibly change the direction that WVDE may be going in the near future. The WVDE says it is actively committed to this avenue leading to CBT and feels that the new company should be given due diligence. Therefore, as they explore this new assessment, the implementation, and the cost, the Department is requesting that the commitments with GED Testing Service™ and Pearson VUE for CBT to be placed on hold.

If you have already invested money in computer labs, this investment may be conveyed to CBT that West Virginia will still pursue in the near future with GED Testing Service™ or another company. If you have already ordered the security kit from Pearson VUE, the WV GED® Office will still provide the grant for this equipment. If you have not ordered the kit, please do not order until a decision has been made concerning which company the Department will eventually select.

Do you need some professional development?

How about some continuing education credits?

Do you need some hours to renew your teaching certificate?

Would you like to increase your salary classification?



If you answered YES to any of the above questions, then e-learning may be for you. The West Virginia Department of Education, West Virginia Public Broadcasting, and the United States Department of Education have joined together to provide quality professional development opportunities for West Virginia Educators. If you don't have time to take any college classes or if you live some distance away from courses being offered, then e-learning may be just what you need. Check it out under the Educator tab on the WVDE website and take control of your professional development.

Flu Season



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By Danny Dorsey



Cold and Flu season is fast approaching!

8 Natural Tips to Help Prevent a Cold

There are no known cures for colds and flu, so cold and flu prevention should be your goal. A proactive approach to warding off colds and flu is apt to make your whole life healthier. The most effective way for preventing the flu is to get the flu shot. It works better than anything else. But there are other strategies you can employ as well. Here are 8 tips you can use to help prevent colds and the flu naturally:

#1 Wash Your Hands

Most cold and flu viruses are spread by direct contact. Someone who has the flu sneezes onto his or her hand and then touches the telephone, the keyboard, a kitchen glass. The germs can live for hours only to be picked up by the next person who touches the same object. So wash your hands often. If you can't get to a sink, rub an alcohol-based hand sanitizer onto your hands.

#2 Don't Cover Your Sneezes and Coughs with Your Hands

Because germs and viruses cling to your bare hands, muffling coughs and sneezes with your hands often results in passing along your germs to others. When you feel a sneeze or cough coming, use a tissue, then throw it away immediately. If you don't have a tissue, cough or sneeze into the inside of your elbow.

#3 Don't Touch Your Face

Cold and flu viruses enter your body through the eyes, nose, or mouth. Touching their faces is the major way children catch colds and a key way they pass colds on to their parents.

#4 Do Aerobic Exercise Regularly

Aerobic exercise speeds up the heart to pump larger quantities of blood; makes you breathe faster to help transfer oxygen from your lungs to your blood; and makes you sweat once your body heats up. These exercises help increase the body's natural virus-killing cells.

#5 Eat Foods Containing Phytochemicals

"Phyto" means plants, and the natural chemicals in plants give the vitamins in food a super-charged boost. So put away the vitamin pill, and eat dark green, red, and yellow vegetables and fruits.

#6 Don't Smoke

Statistics show that heavy smokers get more severe colds and more frequent ones. Even being around smoke profoundly zaps the immune system. Smoke dries out your nasal passages and paralyzes cilia. These are the delicate hairs that line the mucous membranes in your nose and lungs, and with their wavy movements, sweep cold and flu viruses out of the nasal passages. Experts contend that *one* cigarette can paralyze cilia for as long as 30 to 40 minutes.

#7 Cut Alcohol Consumption

Heavy alcohol use suppresses the immune system in a variety of ways. Heavier drinkers are more prone to initial infections as well as secondary complications. Alcohol also dehydrates the body -- it actually causes more fluid loss from your system than it puts in.

#8 Relax

If you can teach yourself to relax, you may be able to rev up your immune system. There's evidence that when you put your relaxation skills into action, your interleukins -- leaders in the immune system response against cold and flu viruses -- increase in the bloodstream.