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# Our Annual Fall Conference was a Success!!!

The Chautauqua County Reading Council collaborated with the State University of New York at Fredonia, the Phyllis W. and Lawrence A. Patrie Endowment for the Sciences, the Institute for Research in Science Teaching, and Project MAST<sup>2</sup>ER for its fall conference. Over 50 individuals attended the conference and listened to science and literacy professionals. Participants feasted on finger foods as they strolled throughout the new Science Center and networked with other educators. Conference evaluations were extremely positive...folks want another conference next year!

Pictured at the fall conference in new CCRC T-shirts are Cindy Nutt, Sue Arrance, and Emily Gollnitz. These navy blue Chautauqua



County Reading Council T-shirts are available in a variety of sizes for only \$10. Just contact Barbara Mallette via email: Barbara.Mallette@fredonia.edu

# issue:You Tube2NYSRA Conference2Fluencies3Contact Information4CCRC Events4

Inside this

# **Best Wishes for the Thanksgiving Holiday!**



http://1.bp.blogspot.com/-4757OgiCXZA/UKJuaY3TJJI/ AAAAAAAAAIg/wAhZYNoQ1M/s1600/ Thanksgiving+2012+-+Copy.jpg

Thanksgiving is such a remarkable day in our culture. Many families come together to eat their way through the day, be it with turkey and the fixings, lamb, seafood, tofu or other entrees. All of this is followed by an array of desserts: pies, cakes, puddings, cookies, and candies. Television highlights the annual Macy's Thanksgiving Day Parade and football seems to dominate many channels. Laughter abounds, with occasional raised voices in cheers or heated discussions on any number of topics (school, politics, disease, foods, movies, noted individuals, etc.). Regardless of

how you celebrate Thanksgiving, may the day allow you to enjoy time with family and friends. Happy Thanksgiving!



http:// farm4.static.flickr.com/3066/3063731135\_e3b729631e.jpg

#### You Tube

Recently the *Buffalo News* (October 30, 2014) described how You Tube was being used for education purposes. Even though You Tube has

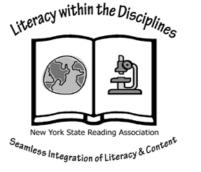
been a favorite of young people since its appearance in 2005, its use in educational settings and for educational purposes is relatively new.

Students are now using You Tube videos to reinforce their grasp of content. And teachers are employing You Tube videos in instructional sessions on material related to what their students are learning. The *Buffalo News* reported that three websites are heavily used by students and teachers in the Buffalo area: Crash Course (pictured on the left), Bozeman Science (pictured below on the left), and Teacher Tube.com (pictured below on the right). Check out these sites for videos that will support what you do and your students do in the classroom.

Atoms and Molecules

http://www.bozemanscience.com/matter

# NYSRA Conference



http://www.nysreading.org/Conference/2014

The program for the NYSRA 2014 Conference is available for your perusal on the NYSRA website. If you attend the conference, you have the opportunity to get close to any number of award winning authors: Salina Yoon, Shirley Vernick, Lisa Potocar, Violet LeMay, Amy Ludwig VanDerwater, the VanRipers, Anne Phinney, Violet LeMay, Cynthia DeFelice, Courtney Sheinmel, Sandra Athans, Steve Sheinkin, Helen Wilbur, Bruce Coville, Elizabeth Levy, Trinka Hakes Noble, Tim O'Shei, Alyssa Capucilli, and Karen Orloff.

And internationally known experts on literacy will be presenting on topics relevant to what you do in your classrooms, such as Pam Allyn, Kelly Chandler-Olcott, Ruth Culham, Douglas Fisher, Virginia Goatley, Marcelle Haddix, Kathleen Hinchman, Christopher Lehman, Maureen McLaughlin, Timothy Rasinski, Barbara Stripling, and Shane Templeton. It's not too late to head to Syracuse for the NYSRA conference on November 9th!

http://www.bing.com/images/search? q=images+of+conferences&GFORM=IGRE#view=detail&id=F9887EDC8E 06233A2488D524F4D288AD0D73FF09&selectedIndex=375





http://www.teachertube.com/



# Five Main Fluencies of 21st Century Learning

*Educational Technology and Mobile Learning* labels itself as "a resource of educational web tools and mobile apps

for teachers and educators." The site is the work of Canadian teachers and offers many resources that are relevant to American educators. The October 29th posting on Diigo was of great interest, given that our November CCRC meeting is focused on technology and literacy (Tuesday, November 18th at 5 pm at Ripley Central School).

The Global Digital Citizen Foundation argues that we need to "look beyond traditional literacy" to a set of fluencies that reflect the de-

mands of the 21st Century. Because our society is rapidly changing, the foundation espouses that students must possess "a wide array of skills" in order to deal with societal changes. The Global Digital Citizen Foundation maintains that any essential skills students need go well beyond the skills needed in previous centuries. Surprisingly, the identified skills do not focus on digital prowess. Rather than centering on hardware, the essential skills focus on headware and heartware, which embed critical thinking, problem-solving, creativity, and innovation, as well as other process skills.

The five fluencies are described briefly here.

**Global Digital Citizen**: The 21st Century Fluencies are acquired in the context of the global digital citizen. This citizen demonstrates physical and intellectual respect and respon-



http://globaldigitalcitizen.org/21st-century-fluencies/ sibility for himself/herself, others, and property. Respect and responsibility are developed using the "guiding principles of leadership, ethics, altruistic service, environmental stewardship, global citizenship, digital citizenship, and personal responsibility."

**Solution Fluency**: Students need to be able to think in a creative manner to deal with problems as they occur. The process involved in Solution Fluency resembles that of scientific inquiry: "clearly defining the problem, designing an appropriate solution, delivering the solution and then evaluating the process and the outcome."

**Creativity Fluency**: Students need to explore the creative pro-

cess, using innovative designs to consider both the function and form of a product. Meaning is

extended via Creative Fluency.

#### Collaboration Fluen-

cy: Students in the 21st Century and beyond must be able to work with others, both "virtual and real partners." This collaboration can take place online as the individuals solve problems as well as "create original products."

**Information Fluency**: Students must develop the knack to understand

and interpret information in a variety of formats. They have to "extract the essential knowledge, authenticate it, and perceive its meaning and significance."

**Media Fluency**: To possess Media Fluency, student will have to look analytically at any communication to identify the "real message." And they will have to generate original communications that align their message and audience "through the most appropriate and effective medium."

One could view the five fluencies described here briefly as essential process skills that all of us need. As a result, fostering the development of these fluencies within classroom settings would be beneficial.

Material and quotations for this article were taken from whttp:// globaldigitalcitizen.org/21st-century-fluencies/

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> Visit us on the web! http://chautauquareading.weebly.com

If you have any questions or suggestions, please contact one of the CCRC Executive Board Members:

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# Council Events: 2014-2015

### **Executive Board Meeting**

Tuesday, November 4, 2014 Rocco's, Fredonia, NY 5:30 pm

Tuesday, February 10, 2014 Rocco's, Fredonia, NY 5:30 pm

# **Scheduled Activities**

November 18 Literacy and Technology Coffee Hour, at Ripley Central School, 5-7 pm

March 19, 2015 Hot Reads, Westfield Central School

May 6, 2015 Annual Banquet, Webb's Mayville, NY