

PROJECT BASED LEARNING / INQUIRY BASED LEARNING /

updated January 29th, 2017

- ✚ Integrating Technology With Project-Based Learning and Using the SAMR model-check it out at <https://21centuryedtech.wordpress.com/2015/04/15/integrating-technology-with-project-based-learning-four-indicators-to-blend-the-learning/>
- ✚ Teachers / student groups may be interested in this model for some blended learning and collaborative learning projects
<http://www.globalcollaborationday.org/the-great-global-project-challenge.html>
- ✚ **DO SCHOOLS KILL CREATIVITY-CHECK OUT SIR KEN ROBINSON AT**
https://www.ted.com/talks/ken_robinson_says_schools_kill_creativity
- ✚ **Finland to Stop Teaching Individual Subjects! Check it out at**
<http://www.sciencealert.com/no-more-physics-and-maths-finland-to-stop-teaching-individual-subjects>
- ✚ Resource: Finding the Spark: An elementary school teacher's journey through inquiry-based learning. This item carries a number of links to ArtsSmarts Saskatchewan, Student Action for a Sustainable Future, and a number of art pieces used in the project. The inquiry question was: When learning about ecology, economics, consumerism, and sustainability, will students have a deeper more enduring understanding if we weave that learning through fine arts?
- ✚ Testing, testing, ... are our students bored and not engaged / Check out
<http://beyondmeasurefilm.com/#about-the-film>
- ✚ http://msgallays-inquiry.blogspot.ca/2015/03/learning-science-and-social-studies.html?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+blogspot%2FwOKah+%28Finding+the+Spark%29
- ✚ What Does a 21st Century Classroom Look Like-check this Edutopia article out at
http://www.edutopia.org/discussion/what-does-21st-century-classroom-look-collaboration?utm_content=discussion&utm_campaign=what-does-21st-century-classroom-loocollaboration&utm_source=twitter&utm_medium=socialflow&utm_term=link
- ✚ To access the SQJHS Inquiry-Based Learning Moodle go to <http://142.227.184.15/sqjhs/>
The username is guest☺ and the password is Inquiry+1. The Moodle contains the IBL Tool-Kit section containing resources, templates, etc along with the IBL Modules section containing the various modules that are being used at SQJHS. A special thank you to Warren Dobson and Leo Campbell for sharing.
- ✚ **Math, PBL and 21st Century Learning for ALL Students**-thanks to Leo for sharing
<http://www.edutopia.org/blog/math-PBL-21st-century-learning-jason-ravitz>
- ✚ Jennifer Burke, in charge of IBL @ DOE, has moved all content from the current Moodle (**Grade 9 Pilot Project**) to the new Nova Scotia Virtual School 2.4 Moodle server. We

ask that you begin to log into the new location and to enroll at your convenience by following the steps below:

- ✓ Visit <https://nsvs.ednet.ns.ca>
- ✓ Click on Professional Communities of Practice and then select Moodle 2.4
- ✓ Log in using your full staff email.
- ✓ Enter required information if asked (*) and then click Home
- ✓ Locate Professional Communities of Practice; scroll down past the subcategories to the course called: Grade 9 Pilot Project
- ✓ The self- enrollment key is: learning

Content being added on a regular basis

You are now a participant in the course and it will be displayed under “My Courses” each time you log into NSVS. The old course Moodle site will no longer be accessible as of the end of June 2014. We encourage you to self- register now on the new Moodle server and to take advantage of all the new resources and features in the updated Moodle course.

✚ LRHS was chosen to engage in the design and **pilot of a grade 9, 3-week, inquiry-based interdisciplinary module**. Components of the IBL template for pilot schools are housed on the Grade 9 Pilot Moodle. Schools can start the development of their interdisciplinary this spring or in the fall 2014. The grade 9 pilot schools, HRSB—Rocky Lake, CCRSB—Truro Junior High, AVRSB—West Hants Middle School, CBVRSB—Oceanview Education Centre, SRSB—SAERC, CSAP—École acadienne de Truro, SSRSB—Liverpool Regional High, and TCRSB—Shelburne Regional High have all started the process of designing their three-week IBL projects and have been communicating plans via email and the shared moodle. The funds for the pilot schools have been forwarded to boards this past April 2014.

✚ LRTS Science Investigations Video Series-new videos available! This trendy new collection of short videos support **inquiry-based learning in science**. In these videos, students observe science experiments, and teachers can use the “Teacher Resources” for discussion questions and answers (only viewable to teachers). The videos are not a substitute for hands-on learning, but serve to enhance learning of science concepts. To view the series, open a new window in your browser and simply login to the EduPortal, and then click on the following link:

<http://www.learn360.com/Search.aspx?Series=24129085&lid=16488891>

✚ Educator and author Madeline Levine says that schools need to look like kindergarten if students are to be **engaged, inspired, and challenged** in an ever-changing learning environment. The layout of most classrooms harkens back to its origins in the Industrial Revolution and the assembly line approach to education. However, children don’t thrive in this environment, and educators know that. “There’s probably no better example of the throttling of creativity than the difference between what we observe in a kindergarten classroom and what we observe in a high school classroom,” she writes in Teach Your Children Well. “Take a room full of five-year-olds and you will see creativity in all its forms positively flowing around the room. A decade later you will see these same

children passively sitting at their desks, half asleep or trying to decipher what will be on the next test.”

<http://blogs.kqed.org/mindshift/2012/09/why-kids-need-schools-to-change/>

✚ <http://www.teachthought.com/learning/4-phases-inquiry-based-learning-guide-teachers/>
thanks to **Trish** for the link

✚ Jennifer Burke wanted to share this great TEDTalk <https://www.youtube.com/watch?v=UZEZTyxSI3g> - **What 60 Schools Can Tell Us About Teaching 21st Century Skills:** Grant Lichtman at TEDxDenverTeachers. Minus, a bit of rhetoric at the start - this is exactly what we've been focusing on for the past year and half - and it's very hopeful!

✚ Barry Wilson (ELA Consultant / DoE) just added a very user-friendly link for **critical thinking and questioning** in the high school classroom. Well worth checking out!

✚ <http://www.criticalthinking.org/pages/high-school-teachers/807>

✚ Alberta Education reform-going **project based** –check it out
<http://www.edmontonjournal.com/touch/news/edmonton/Staples+Alberta+government+plans+radical+rewrite/9550676/story.html?rel=847766>

✚ Educational psychologist Thomas Guskey criticizes, in this opinion piece, the social media messaging that suggests failure is a pathway to success. He explains mistakes are opportunities for learning and readjustment; failure involves blame and responsibility. He also references others well known in education and psychology fields – Benjamin Bloom and Carol Dweck – as among those supporting learning assessments as opportunities for growth and personal motivation, not marks of failed effort. "If we help students recognize their learning errors and then guide them in correcting those errors before they become major problems, all students will see that academic success is within their grasp," says Guskey.

<http://www.ascd.org/publications/newsletters/education-update/jun15/vol57/numo6/Why-Glorify-Failure-to-Enhance-Success%C2%A2.aspx>