

## **Rigorous classroom teaching video links and other pedagogy clips and resources**

**CRCD: Collect-Relate-Create-Donate Learning Goals & Web Tools** – *EdTechTeacher* organizes web tools by learning goals. Interesting idea.

<https://docs.google.com/document/pub?id=1e365SPXLmvmQaB4QLZMMygIPZnYLjGGu5b5rSXGC8qfM>

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**Five Simple Steps to Get Students to Work (Even When They Don't Want To)** – Some worthwhile suggestions (although mostly common sense).

<http://www.teachhub.com/5-simple-steps-get-students-work-even-when-they-don%E2%80%99t-want>

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**What If the Secret to Success is Failure** – A lengthy article in the *New York Times* that addresses issues associated with helping student too much.

[http://www.nytimes.com/2011/09/18/magazine/what-if-the-secret-to-success-is-failure.html?pagewanted=1&\\_r=2](http://www.nytimes.com/2011/09/18/magazine/what-if-the-secret-to-success-is-failure.html?pagewanted=1&_r=2)

**The Mighty Pen: Four Reasons to Write Positive Feedback Down** – Short blog that lists four reasons why writing down positive feedback is more powerful than verbal praise.

<http://blog.kevineikenberry.com/leadership/the-mighty-pen-four-reasons-to-write-positive-feedback-down/>

**First Day/First Weeks** – A wiki of ideas for starting school; categorized by content area.

<http://firstday.wikispaces.com/>

### **5 ways principals can be strong leaders in the new school year**

Planning for the new school year can be difficult when faced with budget cuts and other challenges, writes high-school principal Eric Sheninger. However, school leadership becomes more important in turbulent times and he suggests school leaders take time before school starts to finalize strategies for focusing a school on student learning and achievement. His five tips: Don't make excuses, articulate a clear vision to staffers, utilize a 21st-century curriculum, improve professional development and make use of available support systems. [Edutopia.org/Eric Sheninger's blog](http://Edutopia.org/Eric-Sheninger's-blog) (8/8)

**10 Ideas for Interactive Teaching** – An article on the 21<sup>st</sup> Century Fluency Project website that shares 10 strategies to more actively engage learners (beyond lecture). <http://www.21stcenturyfluency.com/blogpost.cfm?blogID=2054>

**VIDEOS: Empowering Education with Video** – A collection video clips compiled by *eSchool News*. <http://www.eschoolnews.com/2010/08/26/empowering-education-with-video/>

**VIDEO: The Love of Learning** – A short film by SMART Technologies paying homage to all of the inspirational teachers in our lives.

[http://www.youtube.com/watch?v=bEX0FwiAzAY&feature=player\\_embedded](http://www.youtube.com/watch?v=bEX0FwiAzAY&feature=player_embedded)

**Educurious: Learning that Connects** – A newly created website that is on a mission is “to reduce our nation’s high school dropout rates—by making learning relevant, effective and connected to real-world issues young people care about.” There is an emphasis on PBL and a nice video about drop-outs. <http://educurious.org/>

## Helpful ASCD short training pedagogy video clips

<http://edge.ascd.org/Reading-for-Meaning/video/1441344/127586.html?b=>

<http://edge.ascd.org/Compare-and-Contrast-Strategy/video/968565/127586.html>

<http://edge.ascd.org/Metaphorical-Expression/video/1441350/127586.html?b=>

<http://edge.ascd.org/A-lesson-on-Asia/video/1402118/127586.html?b=>

<http://edge.ascd.org/Classroom-video-Foods-Teacher/video/895327/127586.html>

<http://edge.ascd.org/How-to-Embed-a-YouTube-Video-/blog/3212578/127586.html>

## Whole Class Method-how to organize and deliver instruction with one computer per classroom

Teachers in one-computer classrooms often invite large groups of students to gather around the computer. Here are a few suggestions for making the most of these activities.

### *Tips and Tricks:*

- Make sure that content is highly engaging. Genuine interest will help students to be more patient with the challenges of the whole-group approach.
- Provide students with links to the content on your class webpage, wiki, blog, or handout so that they can revisit the sites from home or the library. You might consider emailing the links to students and parents in a class newsletter. This allows students the chance to become even more familiar with the content and tools—and perhaps to share their learning with others.
- Consider dividing your group in half. Engage half of the class in a non-tech assignment while the other half interacts with a tech tool (game, video, interactive quiz, etc.) Swap groups. Then encourage the two groups to share results, scores, impressions, or other information with each other.
- Provide time for individual students to explore resources (websites, tools, games, videos), extending lessons beyond what is covered in class. Then, at the end of the unit, have a resource "show and tell" in which each student shares a favorite. Allow the class to vote on the best resource and reward the student for his or her discovery. Post the resulting links on your class Web page so students can further explore on their own.

### *Suggested tools by subject:*

**English** – [Grammar Girl](#), [ReadWriteThink](#), [Shmoop](#), [Noodle Tools](#), [Grammar/Language Games](#)

**Social Studies** – [Hippocampus](#), [Map Games](#), [Interactive History Quizzes](#), [The People History](#), [Smithsonian History Explorer](#)

**Math** – [Khan Academy](#), [Brightstorm](#), [Math TV](#), [Hippocampus](#), [Ask Dr. Math](#), [Illuminations](#)

**Science** – [Khan Academy](#), [Brightstorm](#), [Anatomy Arcade](#), [Science Vocabulary Hangman](#), [Xpeditions](#)

**All Subjects** – [Discovery Education](#), [Brain Pop](#), [Flocabulary](#), [Thinkfinity](#), [How Stuff Works](#), [Quizlet](#), [Worldometers](#)

When we are faced with limited resources, it is tempting to throw up our hands and say, "I just don't have what I need to do this!" However, do not underestimate your ability to make it work. If you want to deepen student learning by integrating technology, you can use creativity, patience, and careful planning to achieve that goal. Your resourcefulness can enable students in a low-tech classroom to experience high-tech teaching and learning.

Are you already making the most of a one-computer classroom? I hope you'll share your ideas, tips, and resources in the comments.

After serving as a technology integration specialist for two years, Jennifer L. Barnett is returning to the classroom as an English and history teacher at Fayetteville High School in Talladega County, Ala. Jennifer, who has more than two decades of teaching experience, is a member of the [Teacher Leaders Network](#) and a co-author of [TEACHING 2030: What We Must Do for Our Students and Our Public Schools...Now and in the Future](#). She blogs about the teaching life at [Reflect to Redirect](#) and manages a [class wiki](#) and [tech help wiki](#).

- **Video math tutorials produced by and for students**



VIDEO

Sixth-grade math teacher Eric Marcos credits his students with the creation and global popularity of [MathTrain.TV](#), a collection of video math tutorials created by and for students. The tool now includes a podcast and iPhone and iPad compatibility to let students share videos on Twitter and Facebook. Students enjoy creating the videos, and "[t]hey'll spend over an hour on one math problem. ... Instead of listening to the teacher, they're taking an active role in their own learning," Marcos said. [KQED.org/Mind/Shift blog](#) (8/11) [Share:](#) [in](#) [f](#) [t](#) [E-MAIL](#)

- **RELATED STORIES**

- **100+ Google Tricks for Teachers** – Extensive list that highlights the possibilities of using various Google resources.  
<http://www.teachhub.com/100-google-tricks-teachers-0>
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- **Math and Science: Out of the Classroom, Into the World** – Article on Mind/Shift explores how opportunities to learn math, science, technology and engineering have changed and how technology has redefined learning but making it possible for students to have different learning experiences that resonate within the digital world they live.  
<http://mindshift.kqed.org/2011/08/math-and-science-out-of-the-classroom-into-the-world/>