



Tech Skills Every Educator Should Have

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Computer Skill Timeline

In the last 20 years, this is how the internet has changed.

Web 1.0---Type and read functions.

Web 2.0---Read, write, and interact functions.

Web 3.0---Content, community, commerce, context, personalization, vertical search

So Five Years Ago

5 years ago, we as teachers were focused on learning....

- Word Processing--Microsoft Word, Google Docs
- Spreadsheet--Excel, Google Spreadsheet
- Presentations--Powerpoint
- Email Management--Outlook, Gmail, Yahoo, AOL, Hotmail
- Plug and Play--scanner, camera, printer, slate, doc camera

Today, we are asking ourselves to focus on the real question....

Tool or Skill?

'Wow! Look at this great marker! I think I am going to plan all of my instruction around it!'
And yet that is what we sometimes do with technology."

Writing CCSS

collaborate

produce

publish writing
keyboarding

interact

In 6th grade, we want our students to produce writing, interact and collaborate, and show effective use of the keyboard.

--So, what kind of writing can students produce in your curricular area?

--How can they use technology to interact, to collaborate?

--Are you allowing them to do the typing?

Writing CCSS

W7.6--Use technology, including the internet to produce and publish writing as well as to interact and collaborate with others; including linking to and citing sources.

In 7th grade, we expand our expectations of student writing. It is not enough to produce, interact, and collaborate.

Now, we want to see our students to make content connections and cite those sources.

--Are you creating lesson that require students to use more than one piece of content to think and write?

--Are you requiring your students to cite their sources on every assignment?

Writing CCSS

W8.6--Use technology, including the internet, to produce and publish writing and present the relationships between information and ideas efficiently as well as to interact and collaborate with others.

In 8th grade, we are preparing our students for high school. Writing should present a relationship between content and the students personal thoughts and theories. In other words, 8th graders are expected to create solutions to problems, demonstrate the skill of problem solving in writing.

--Are your assignments requiring your students to find ideas in content, develop their own ideas, and then present this information together while interacting, collaborating, and citing sources?

Example

Here are some examples of student work that meets the need:
demonstration of skill using tools.

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Blog Example

<http://catlintucker.com/>

Edcanvas

<http://www.kleinspiration.com/2012/11/edcanvas-interactive-lesson-board.html>

Edmodo

<http://www.slideshare.net/seyfert6/20-ways-to-use-edmodo#btnNext>

Glogster

<http://bookminder.blogspot.com/2009/11/glogster-examples.html>

Museum Box

<http://museumbox.e2bn.org/creator/viewer/show/295689>

Popplet

<http://popplet.com/app/#/561660>

Symbaloo

<http://www.symbaloo.com/mix/6325-Secondary-Immigration>

Followup to this presentation

Please answer the following questions and send your answers in an email to your tech coach!

1. Give an example of each of the web 3.0 tools:

Content, community, commerce, context, personalization, vertical search

2. Answer the questions from slide 5,6,or 7 depending on your grade level.
3. Which tool from the examples are you most interested in learning more about?