


## A Quick Skim through 16 Learning Technology Trends

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## 16 Learning Technology Trends of the Past Year or Two...

September 10, 2010 11:00 AM EDT  
 Another Benefit of Robot Teachers: No 'Moral Problems'  
 By Jeff Young



## 1. Inexpensive Laptops and Netbooks




## #2. Online Language Learning

January 27, 2010 and Feb 5, 2010: The Web Way to Learn a Language, NY Times, ERIC A. TAUB  
 (e.g., EnglishCentral, iTalki, Palabea, Babbel)



## #3. Tablet Computers Hit (iPad)


**April 10, 2010:** Seton Hill Univ, 2,100 students an iPad and freshmen a 13-inch MacBook laptop  
**Feb 1, 2011:** An Android Tablet Made Just for School, David Zax, Fast Company  
**March 7, 2012:** A new, high-definition iPad from Apple, CNN, Doug Gross and John Sutter



The new iPad

## January 29, 2012

Apple's new electronic textbook initiative just another chapter in a developing story, Herald Times, Mike Leonard  
[http://www.heraldtimesonline.com/stories/2012/01/29/news\\_apples-new-electronic-textbook-initiative-just-another-chapter-in-story.six?print=1](http://www.heraldtimesonline.com/stories/2012/01/29/news_apples-new-electronic-textbook-initiative-just-another-chapter-in-story.six?print=1)



### #4. Pocket Dictionaries and Digital Textbook Projects (Korea), July 6, 2011:

Husna Haq, In South Korea, all textbooks will be e-books by 2015, Speeding past the US, South Korea will be digitizing reading material in all public schools by 2015. Christian Science Monitor.

### #5. Video Conferencing/Webcaming Facebook introduces video calling, Eric Stoller, July 6, 2011, Inside Higher Ed

### Alex Bonk in Dar es Salaam, Tanzania, February 2012

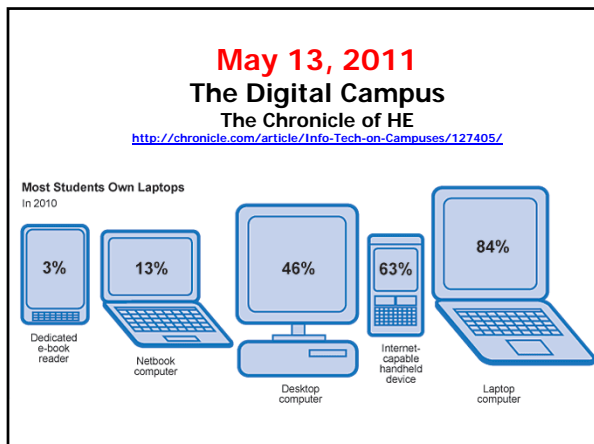
### #6. Mobile Learning, February 14, 2012

Per Paul Kim, Director, Seeds for Empowerment: "Children in Newala, Tanzania learning English with mobile videos and writing stories. (Mobile Task Based Learning Workshop - Seeds of Empowerment). No electricity for 3 straight days, but we keep going!!"

### August 2011 Seeds for Empowerment in Argentina

<http://tecnologia.profesional.com/notas/120526-Telecom-y-la-cuna-de-Google-y-Yahoo-prueban-smartphones-educativos-en-escuelas-argentinas>

### We've Come a Long Way!



### College tech 'catching up' with students

Kathleen Gray & Robin Erb, USA TODAY,  
October 6, 2009

**Abilene Christian University:** ...about 2,800 students and 70% of the 250 professors use the Apple technology for instructional purposes.

- Art students use app to draft sketch and send it to the teacher and other students for advice before starting the real art pieces.
- A drama teacher takes video of the lead dancer in a production and sends that along to other students for rehearsal.

### Some Ideas from Educause Review March/April 2011, Scott Perkins and Michael Casdorph, Georgia Health Sciences University, "The Digital Swiss Army Knife"

1. Attendance
2. Class roster
3. Class assignment due dates
4. Course calendar
5. Deliver course videos
6. Digital flashcards
7. Course blogging
8. Internet searching

### 5 K-12 Applications

Five ways readers are using iPads in the classroom,  
eSchool News, May 27, 2011

1. Interventions: Math Drills
2. Enrichments: Spelling, pictures of work
3. Assistive Technology: improvement reports
4. Digital Literacy
5. Organizing Resources

### #7. Shared Online Video: TED, Academic Earth, TV Lesson, and Fora TV

### February 16, 2011 How Bill Gates' Favorite Teacher Wants to Disrupt Education, Gregory Ferenstein, Fast Company



**April 29, 2011**  
**Shared Online Video**  
 (e.g., YouTube and the Royal Channel)

The image shows a collage related to the Royal Wedding. On the left, there are screenshots of a YouTube video player and the 'The Royal Channel' website. On the right, there are two photographs of a royal wedding procession, showing a bride in a white gown and a groom in a military uniform, surrounded by a crowd and a horse-drawn carriage.

**#8. Social Networking Gaming**  
**December 24, 2010:** *CityVille* 16.8 million daily users,  
*FarmVille's* 16.4 million. *CityVille* 61.7 million monthly users,  
*FarmVille* 56.8 million users. Mashable.

"CityVille" Is Now Bigger than "FarmVille"

The image displays two social networking games. On the left is 'FrontierVille', a farming simulation game. On the right is 'CityVille', a city-building game. Below the CityVille title is a 'PLAY NOW' button. A small text overlay reads '"CityVille" Is Now Bigger than "FarmVille"'.

**#9. E-Book Readers**  
**January 28, 2011:** Amazon: Kindle Books Finally  
 Eclipse Paperbacks, Doug Aamoth  
**March 2, 2011:** Why Amazon would be smart to give away the  
 Kindle, March 4, 2011, CNN Tech, Amy Gahran  
**November 8, 2011:** Nook Tablet, USA Today

The image features a collage about e-readers. It includes a photo of a man holding a Nook Tablet, a photo of a man holding a Kindle, and a screenshot of a news article titled 'Amazon: Kindle Books Finally Eclipse Paperbacks'. There is also a small line graph showing a price trend.

**Worldreader, August 22, 2011**  
**What Makes Ed Tech Successful in the Developing  
 World?, ReadWriteWeb, David Risher**  
[http://www.readriteweb.com/archives/what\\_makes\\_educational\\_technology\\_successful\\_in\\_th.php](http://www.readriteweb.com/archives/what_makes_educational_technology_successful_in_th.php)  
<http://www.worldreader.org/>

The image shows a collage of photos depicting educational technology use in a developing world. It features several groups of students, some holding and looking at tablets or smartphones, and one student focused on reading a book.

**May 24, 2010**  
**Author Nicholas Carr, The Web Shatters  
 Focus, Rewires Brains, Wired**  
[http://www.wired.com/magazine/2010/05/ff\\_nicholas\\_carr/](http://www.wired.com/magazine/2010/05/ff_nicholas_carr/)

The image is a collage centered on Nicholas Carr's article 'The Web Shatters Focus, Rewires Brains'. It includes a screenshot of the Wired magazine cover, the Atlantic magazine cover with the headline 'Google Maps: Stoopid?', and several smaller images including a target graphic and a person speaking at a podium.



**#10. Massive Open Online Courses (MOOC) and Graded Free OCW,**

**August 2, 2011, Stanford U. Offers Free Online Course in Artificial Intelligence, Jie Jenny Zou, Chronicle of Higher Education (over 135,000 sign up as of August 27)**  
<http://www.ai-class.com/>



**September 15, 2011, Graded Free OCW**

**Welcome to Stanford Engineering, Everywhere (SEE),** <http://see.stanford.edu/>

A computer and an Internet connection are all you need. View lecture videos, access reading lists and other course handouts, take quizzes and tests, and communicate with other SEE students, all at your convenience.

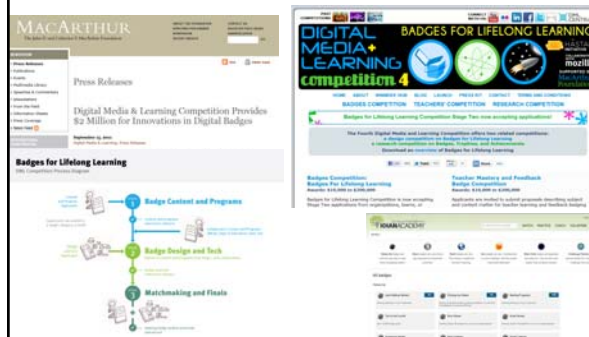


**October 2010, The V-PORTAL (Bonk, IU)**  
**"Video Primers in an Online Repository for e-Teaching and Learning" V-PORTAL, TravelinEdMan (27 free/open YouTube videos)**  
<http://www.youtube.com/user/TravelinEdMan>



**#11. Badges for Online Learning**

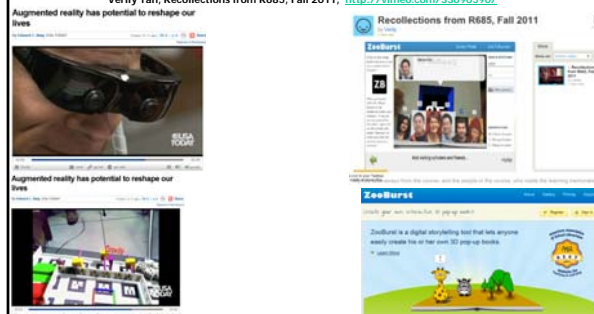
(e.g., Khan Academy, <http://www.khanacademy.org/badges/view>)



**#12. Augmented Reality, May 17, 2011:**

**USA Today, Edward Baig, May 17, 2011, Augmented reality has potential to reshape our lives.**

(e.g., ZooBurst, Craig Kapp, NYU, pop-up books)  
 Verity Tan, Recollections from R685, Fall 2011, <http://vimeo.com/33090590/>



**#13. Language Translation Tools, December 16, 2010**

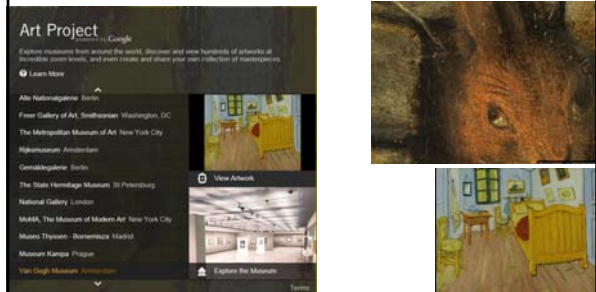
**Introducing Word Lens**

<http://www.youtube.com/watch?v=h2OfOdYrHRs>

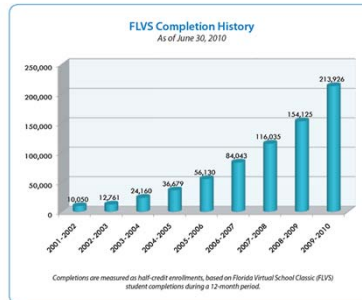


**#14. Online Portals and Open Educational Resources (OER) February 8, 2011**

**Google Art Project, Chronicle of HE** (new Google project that allows visitors to explore museums around the world and view hundreds of artworks) <http://www.googleartproject.com/>

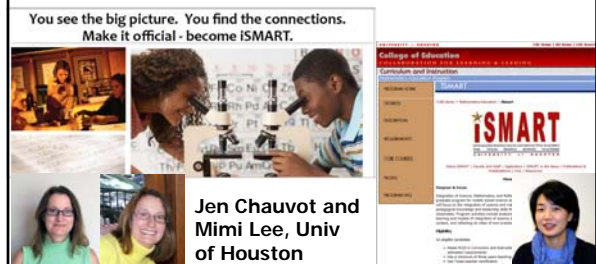


**#15. Online Learning, February 4, 2011**  
**New Enrollment History Chart: Florida Virtual School (Julie Young, President & CEO)**



**April 12, 2011**

**NCTM Conference Session, Free Online Degrees; iSMART: Integration of Science, Mathematics, and Reflective Teaching (iSMART), University of Houston**



**April and August 24, 2011**

**Departments Stay Afloat with new Online Ventures (new Ed.D. in IST/Ed Tech)**  
 (e.g., <http://iuconnected.iu.edu/>)  
<http://newsinfo.iu.edu/news/page/normal/19372.html>



**#16. Open Source, January 8, 2012**

**Moodle** (58 million users in 223 countries, 73,696 sites, 5.9 million courses)



**Where are we headed?**







**Who is Content Now?**  
Slides at: [TrainingShare.com](http://TrainingShare.com)  
Papers: [PublicationShare.com](http://PublicationShare.com)  
Book: <http://worldisopen.com/>  
Email: [curt@worldisopen.com](mailto:curt@worldisopen.com)

**Contentment**

