



# Learning and Technology

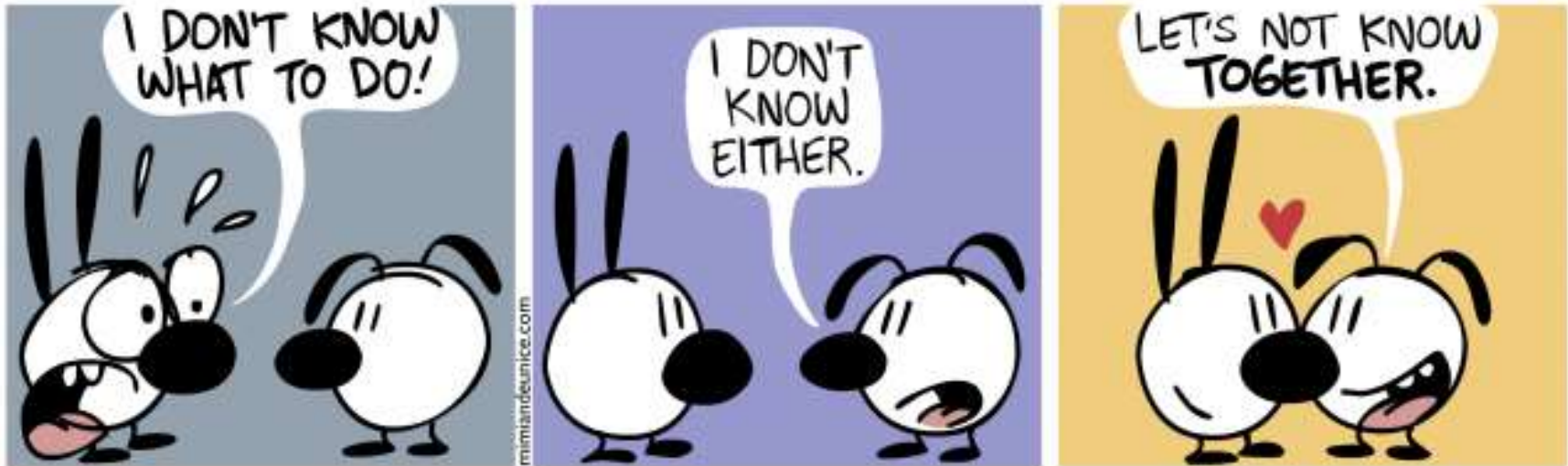
## Class 2 – Learning about learning

# What we'll cover

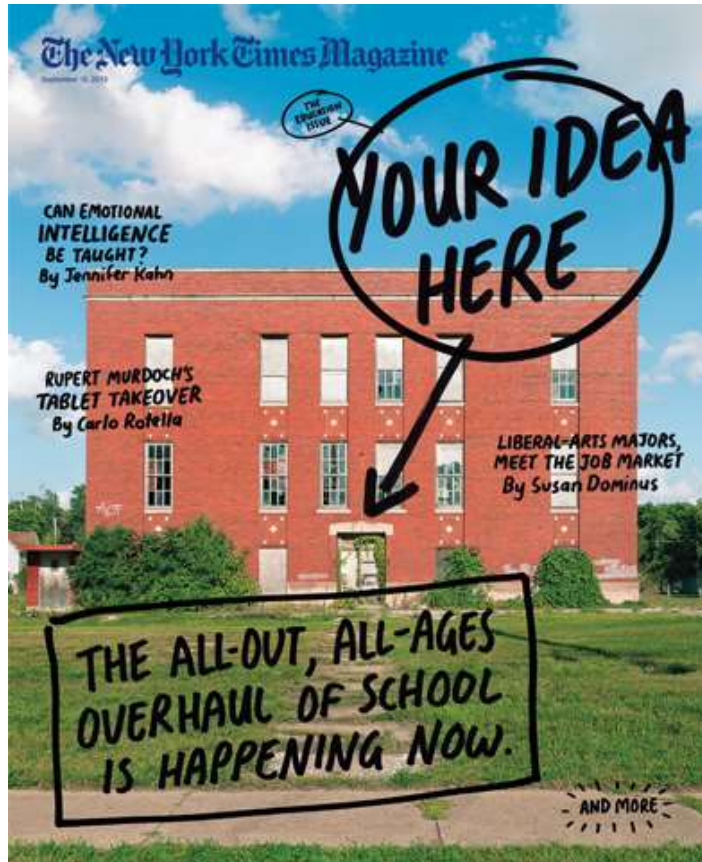
- ▶ In the news
- ▶ Learning from failure
- ▶ Education vs. learning
- ▶ Keeping pace with technology
  - Windows 8.1
  - iOS 7 for iPad and iPhone
  - What's ahead?

# Class schedule

Class	Theme	Learning Topic	Technology Topic
9/11	Introduction	The new world of work and the new world of education	Reading, writing, and 'rithmetic
9/18	<b>Why do we have an education system?</b>	<b>Learning for work. Learning for life.</b>	<b>Keeping pace with change – iOS7, Windows 8.1, and goodness knows what else</b>
9/25	Generations of learning, from Pre-K to lifelong learning	Guests: Jennifer Ladner and Jessie Trowbridge, Screen Savvy Kids, Inc. ( <a href="http://www.screensavvykids.com/">http://www.screensavvykids.com/</a> )	
10/2	We're not there yet	How do we evaluate success in education, work, and life?	Healthy, wealthy, and wise
10/9	What's next?	The future has just begun	Wrap-up



# Questions?



## In the news

[New York Times Magazine 9/15/2013 – The Education Issue](#)

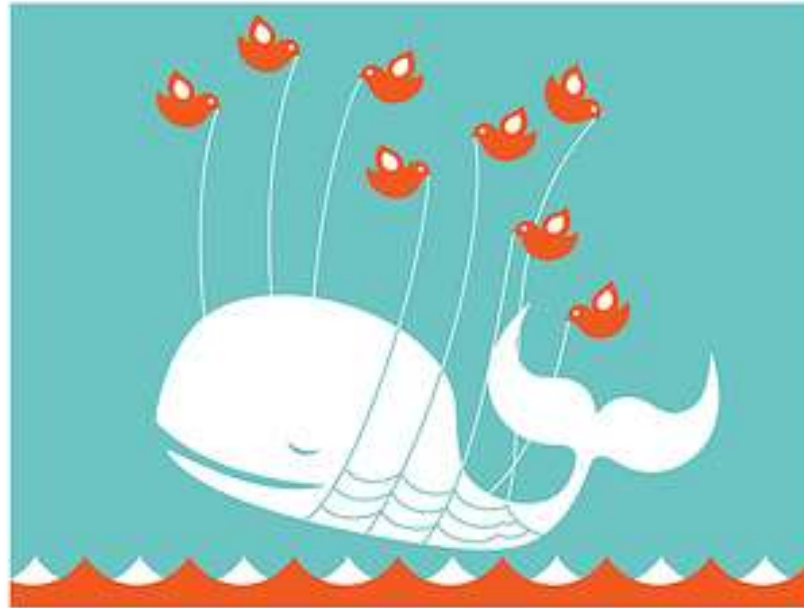


## A Bookless Library in San Antonio

[Library visits enter future at BiblioTech](#)

**Twitter is over capacity.**

Too many tweets! Please wait a moment and try again.



## When systems fail ...

[Antifragile: Things That Gain from Disorder](#) by Nassim Nicholas Taleb

# How we learn ...





The education system is based on a framework from the 17th and 18th century that says we should play for the first five years of life, then learn, then work, then rest and then die.

Sebastian Thrun, Stanford research professor, Google Fellow, and a co-founder of Udacity.



## 200 years of educating

**Why do we teach this way?**

“It’s odd that no matter what you decide to study [in college], it’s exactly four years,” Khan says. “It’s clear that the designers of our university system decided that people should spend four years here and then decided what to fill the four years with. And that’s obviously not very valuable if really we’re trying to say, what are people trying to [learn]?”

## Sal Khan Reinvents Education

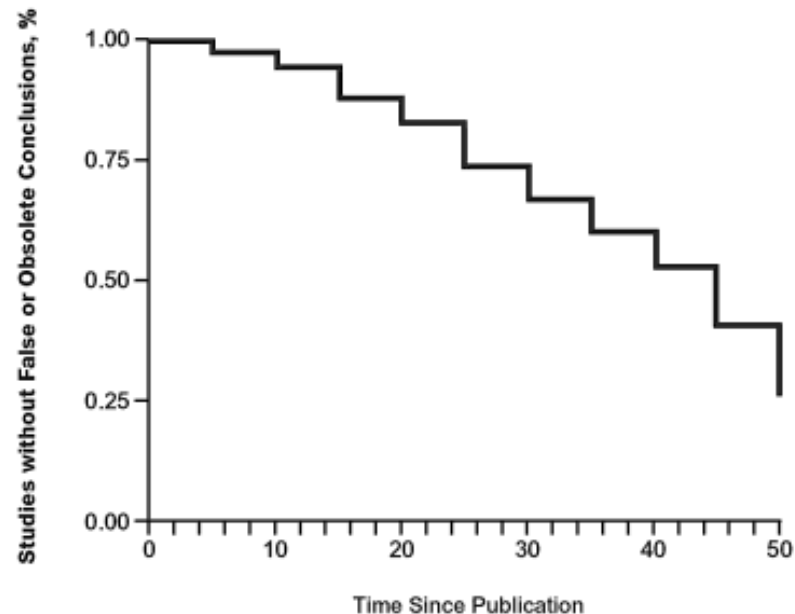
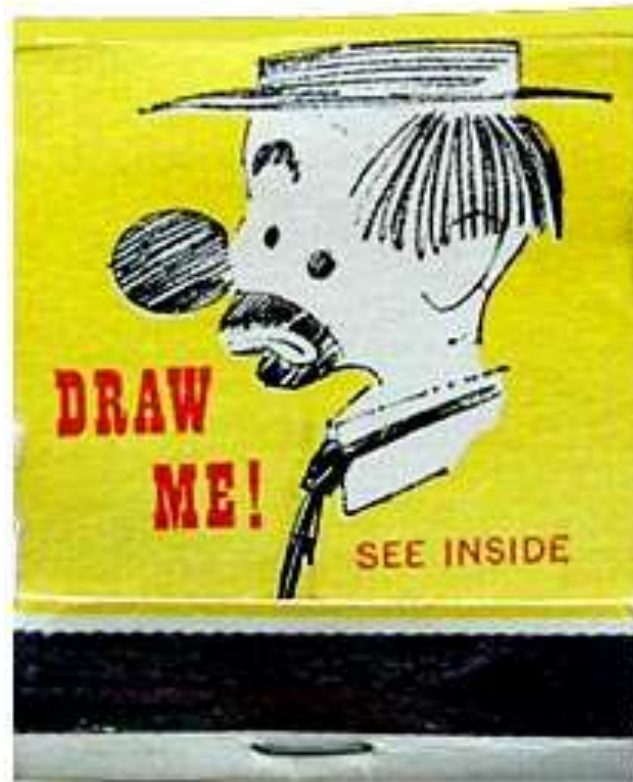


Figure 2. Decay in the truth of knowledge in the areas of hepatitis and cirrhosis. The 50 percent mark is around forty-five years, meaning it takes about forty-five years for half of the knowledge in these fields to be overturned. From Poynard, et al. "Truth Survival in Clinical Research: An Evidence-Based Requiem?" *Annals of Internal Medicine* 136, no. 12 (2002): 888–95.

# Why we need to keep learning

[Why Everything We Know Has an Expiration Date - Samuel Arbesman](#)



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# moooc.org

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How did you keep up in your profession?



# Keeping Pace with Change

# My home office



Nexus 7 -  
Android  
4.3

Windows  
7 and 8.1

Kindle 5.3

iPad -  
IOS 7

Windows 8

Mac OSX 10.8

**My brain hurts!**



Questions?

Dear NOOK for iPad & iPhone Customer,

We'll soon be releasing an update to your NOOK App that will fully support iOS7. In the meantime, if you're planning to upgrade your iPhone or iPad with tomorrow's release of iOS7, we wanted to tell you about two short-term issues you might experience with your NOOK App:

- If you rotate the screen while reading, it may cause the page to render incorrectly or may cause the app to crash. To prevent this, we suggest locking the rotation while reading. [Click here for iPad instructions](#) and [here for iPhone instructions](#).
- If you sign out of your app and then sign in again, the app may crash or you may have trouble accessing your Library.

Please note that not everyone will experience these issues. And for those who do, be assured we are working as quickly as we can to resolve them.

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In the meantime, we apologize for any inconvenience this may cause.

Sincerely,

*The NOOK Team*

# iOS 7, Windows 8.1, etc.

