

Anticipation Guide

Directions: Read each statement and decide if you agree or disagree, or what you would change.

- Innovations involve creating civilization-changing inventions based on new thoughts or approaches.
- 2. Innovations are generally humble forms of novelty that prove to be useful, at least to some.

What Do We Mean by Innovation?

- · Create new & implemented & positive change
- Innovation is the action required to create new ideas, processes, or products which when implemented lead to positive effective change. (Marc Chason, Motorola Labs)
- · Create new & value
- Innovation is creating new value. Value is the key word, stressing the difference between innovation and invention. (Victor Fernandes, Natura)
- New ideas & implementation
- Innovation pairs ideas with action....It's not enough just to have a good idea. Only when you act, when you implement, do you truly innovate. (Tom Kelly, IDEO, The Art of Innovation, 2001, The Ten Faces of Innovation, 2005)

What Do We Mean by Innovation?

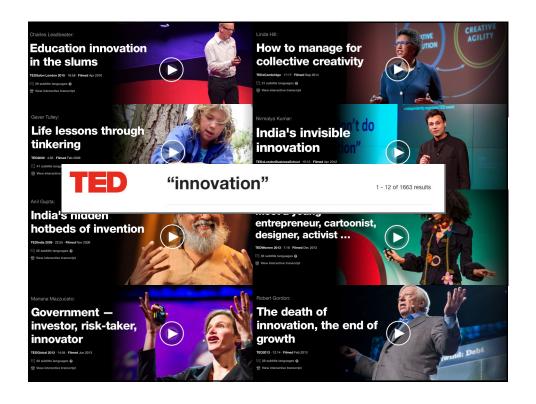
Three Attributes of Innovation

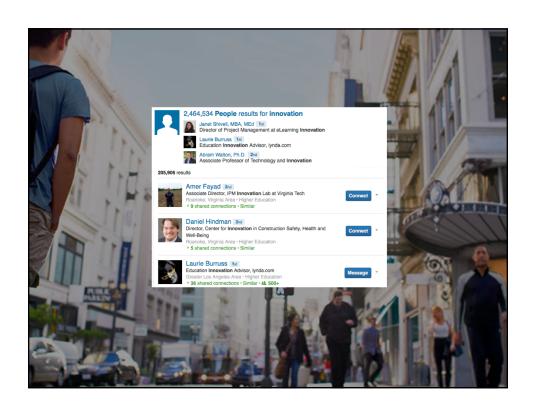
Create New → Implement → Positive Outcome

Innovation is *not* magical, mystical, or metaphysical. Innovation is effortful.







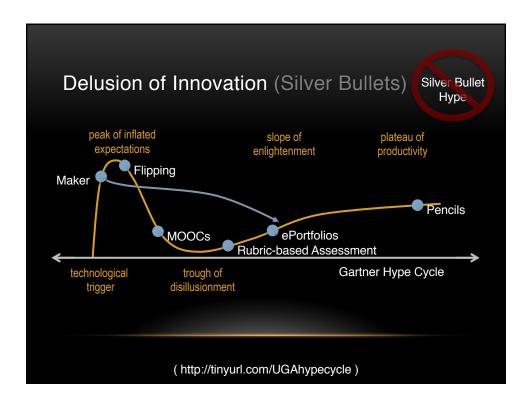




INNOVATION

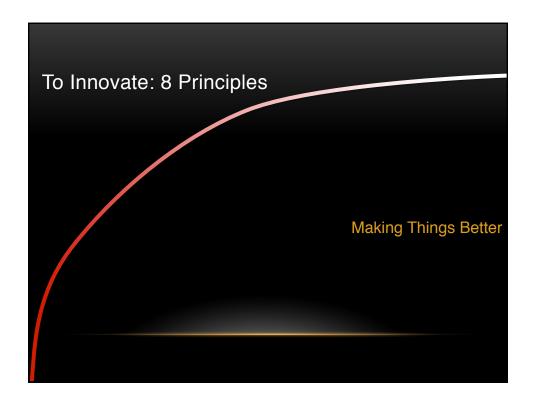
Two Framing Concepts & One Quick Caution

- 1. Innovation occurs at different levels of scale local to global.
- 2. Innovation is determined by the user, not the innovator.



Review Me

- √ Three Attributes of Innovation
 - Create New \rightarrow Implement \rightarrow Positive Outcome
- ✓ Two Framing Concepts
 - Innovation occurs at different levels of scale local to global.
 - Innovation is determined by the user, not the innovator.
- ✓ One Quick Caution
 - Delusion (Hype) of Innovation







Making Things Better

2. Build On Others

If we're free from the burden of trying to be completely original, we can stop trying to make something out of nothing.

-- Austin Kleon, Steal Like an Artist (2012)

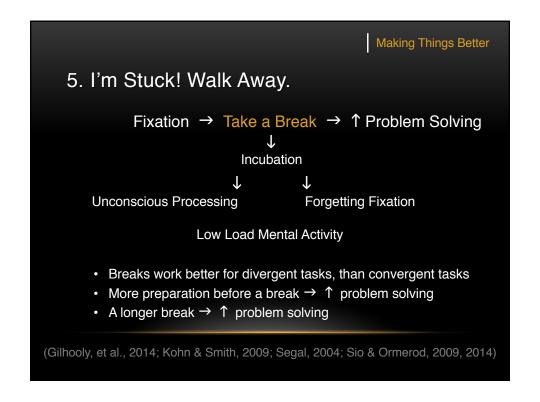
Making Things Better

3. Work Hard, Don't Aha!

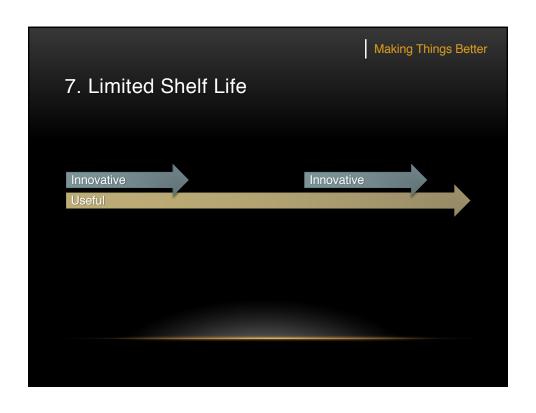
Journalists have always asked me what the crucial idea was or what the singular event was that allowed the Web to exist one day when it hadn't before. They are frustrated when I tell them there was no Eureka moment...it was a process of accretion.

-- Tim Berners-Lee, Weaving the Web (1999)









Making Things Better

8. Focus on Progress

"Let me just play Devil's Advocate for a minute..."

- ...students won't do that.
- ...students are too disengaged for that to work.
- ...there are no resources for that.
- ...the department head won't let you.
- ...who's got time for that?
- ...I tried that, it didn't work.

To innovate is to make things better.

- 1. Solve a Problem
- 2. Build on Others
- 3. Work Hard, Don't Aha!
- 4. I'm Stuck! Walk Away
- 5. Solve It, then Solve It
- 6. Don't Wait, Do It
- 7. Limited Shelf Life
- 8. Focus on Progress