

February 5, 2015

Grades will be posted on Friday

Pay no attention to the numbers in webcourses

Alexander Graham Bell

- Elijah Gray did most of the work for doing the telephone
- Bell given the patent
- Deaf people were inspiration for phone
- Harmonic Telegraph
  - o Idea was to hook up telegraph to some tactile thing so that it would hit skin and know what it was saying
- Philadelphia exposition 1876/1976 (?)
- Phones are used primarily by the rich so that they could be rich
  - o Call down to stables to tell them to bring the carriage
- There is no telephone switch board therefore everyone needs to have their own telephone and line to one other person.
  - o One phone per contact
- Bell tries to sell idea to Western Union Telegraph Company
  - o They won't buy it from him because the telegraph is the perfect form of communication
- Ends up selling it to a group of investors who est. AT&T
  - o Later an engineer comes to AT&T and tries to sell them the cellular phone
  - o AT&T won't buy it because the telephone is the perfect form of communication

- Verizon gets into the cellular business way early and is why they are such a large presence
- Bell has two other inventions
  - o Metal Detector
    - Thought it was a failed invention because the President was sleeping on a metal box spring which is why he couldn't find the bullet in the President
      - His new child died shortly after
  - o Vacuum Jacket (Iron Lung): Helps people breathe

#### Thomas Edison

- Dropped out of school to sell newspapers
- Had ADD
  - o And causes one of the great train wrecks in Midwestern history
- After train wreck he focused on inventing
- 140 years later the electronic voting machine is still in use
  - o Machine would count votes for the political officials and give results in a few minutes instead of a few days
  - o No mayor wanted it because they didn't want to be honest about vote counts
- Invented the stock ticker that shows the latest stock prices
  - o Allows everyone to find out latest stock prices immediately
  - o Makes him a lot of money and gives him positive image
    - He creates a research lab just to make inventions
- 99% of all Secretaries are male and 98% don't have type-writers

- o If people needed to have a letter dictated they would have to sit there and say what they wanted while it was transcribed
- o Invents phonograph
  - Take a disk and dictate a letter onto the disk that the secretary plays back later and writes the letter with
  - Revolutionizes business industry again
  - Takes people 25 years to figure out that they can put music on the disks and sell them
  - His first words into the phonograph were “Mary had a Little Lamb”
    - Mary had a little dress that was too small but who cared when you could see her calf
    - Dirty lyrics
- Didn’t invent electricity or light bulb
  - o Came up with a Carbon Filament to put into the lightbulb
  - o Rockefeller made commercials with people turning lights on and being electrocuted
    - Electricians would turn lights on and off to keep the rich from being electrocuted
- General Electric is his electricity company
- He does the movie
  - o Didn’t believe that people would show up for a movie at the same time
  - o Didn’t think that people would sit through a movie more than a few minutes long
  - o Also worried that people would sneak into the movie if he sold tickets