ABC's and 123's



Keyboarding Strategies for K-8

Why teach keyboarding?

- NETs and MA State Standards ask/tell us to...
- We all use computers

and

• Keyboard is still the primary input device for computers

NETS Standards

Technology productivity tools

- Students use technology tools to enhance learning, increase productivity, and promote creativity.
- Students use productivity tools to collaborate in constructing technology-enhanced models, prepare publications, and produce other creative works.

NETS keyboarding details

- Demonstrate proper hand, finger, & body position
 Use correct finger reaches from home row to top/
 bottom row keys
- Perform "touch typing" or "keyboarding"
- Demonstrate proper use of special keys (Spacebar, Enter/Return, Shift, Tab, Delete, Backspace, arrow keys, Caps Lock, Ctrl, Alt, Home, Insert, and so forth)
- Use the top row of the keyboard for numeric keying
- Use the numeric keypad to key numbers

When should we begin?

- When kids begin to use computers?
- When kids are "ready?"
- When they reach middle school?
- When they reach high school?

How should we teach this?

- Hunt and Peck
- Familiarity
- "Touch Typing" output
- Keyboarding as "input"





Typewriter

- Industrial Age tool invented by Christopher Sohles in 1873
- Reliable- offices machine by end of 19th Century - key layout prevent jamming
- First instruction by manufacturer 1880
- Marketed by Remmington
- It took public schools until 1915 to teach typing as an occupational skill.

Who should teach keyboarding?

- 1. Business educators
- 2. Classroom teachers
- 3. Computer specialists
- 4. Parents
- 5. Self paced student directed
- 6. All of the above

Where should we learn keyboarding?

- 1. School
- 2. Computer Lab
- 3. Classroom
- 4. Home
- 5. All of the above
- 6. None of the above

Main Methods

- Textbooks
- Software
- Online
- Other method / combination



- Textbooks
 - input? concepts
 - copy from text to screen
 - finger oriented





Strengths of Software

- They all work
- They have "game like" interfaces
- They make practice fun
- 20 +/- lessons small steps
- They are visual
- Some are also auditory





Weaknesses of texts and software

- Must "want" to learn to keyboard
- Need "watchful eye" of teacher or parent
 to avoid bad habits of looking at fingers and incorrect fingering
- Earphones necessary for software?
- Keyboard Masks helpful!



Diana King Method Alphabet Poem

- alphabet/ hand oriented (not finger)
- multi-sensory many learning styles
- 2-4 lessons whole keyboard immediate
- get to familiarity stage in days hours
- framework / context makes sense
- more output oriented
 - composing...
 - thinking...
- doing...



- Founder or Kildonan and Dunnabeck
- extraordinary work with students with dyslexia and dysgraphia
- <u>www.kildonan.org</u>



Keyboarding Skills 2nd Edition by Diana Hanbury King Grades –Ungraded \$20











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	ntroduce your method to other teachers. I want to make sure that this is acceptable to you. will not distribute copyrighted materials. I will demonstrate how I have used your method will ny students and give information on purchasing your Skills Text through the Web.	









Goals

- Input
 - K-5 15 WPM (handwriting 11 WPM)
 - 6 20 WPM
 - 7 25 WPM
 - 8+ 30+ WPM
 - 40 WPM "thinking speed"

Writing Process

Kristi Rennebohm Franz

- large fonts print and read
 - teacher types
 - students types
- k-2 like seeing neat letters APPEAR
- conventions in print
 - text being built from left to right
 - words in straight lines
 - spaces between words

Improving Student Learning

- Wood and Freeman 1931 study
 - Elementary students who can type improve their ELA skills
- Erickson study 1959
 - students who type complete their work faster and more efficiently
 - increases spelling and writing skills
 - published proud

Resources

- http://www.aboutonehandtyping.com/introduction.html
- http://www.crews.org/curriculum/ex/compsci/keyboarding/
 http://websites.swlearning.com/index_school.html
- **** http://www.growing.course.com/index.html
- http://www.usoe.k12.ut.us/ate/keyboarding/Articles/Whowhen.htm
- http://www.sasked.gov.sk.ca/docs/midlkey/

More Keyboarding Links

- Typing Practice http://gwydir.demon.co.uk/jo/typing/index.htm
- Typing Tests
 http://typing-for-kids-software-review.toptenreviews.com/typing-tests-help-kids-defeat-fear.html
- Power Typing http://www.powertyping.com/
- Debbie Golden Keyboarding Class Projects http://207.232.227.25/education/components/scrapbook/default.php? sectiondetailid=70556sc_id=1131485034
- Keyboarding Prctice http://www.davis.k12.ut.us/cjh/appliedtech/Business/Keyboarding/Index.html
- Growing with Technology http://www.growing.course.com/index.html
- Karzy Keyboarding for Kids http://webinstituteforteachers.org/-gammakeys/Lesson/Lesson1.htm
- Keyboarding Online
 http://www.keyboardingonline.com/
- Ergonomics and Keyboarding http://www.ergoweb.com/news/detail.cfm?id=449