

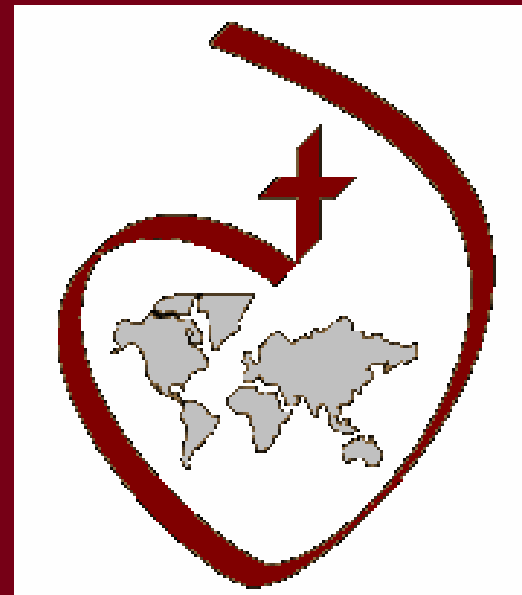
Villa Duchesne/Oak Hill School

Integrated Technology

Stephanie Klimczak, 2010

Erin Meadows, 2011

Mariah Mullins, 2011



Technology at Villa Duchesne

- Tablet PC in grades 7-12
- Summer tech sessions – Out-of-the-box and Back-to-School
- Whiteboards, Projectors, Mimio, Smartboard
- Foreign Language Lab
- Tech Support and [FAQ](#)
- Digital Equipment
- School E-mail accounts and [Gaggle](#)
- Video Conferencing
- Virtual TI-83 and E-textbooks
- Class Blogs and Discussion Boards

Sacred Heart

Our Goals and Criteria

Goal One: A personal and active faith in God

Goal Two: A deep respect for intellectual values

Goal Three: A social awareness which impels to action

Goal Four: The building of community as a Christian value

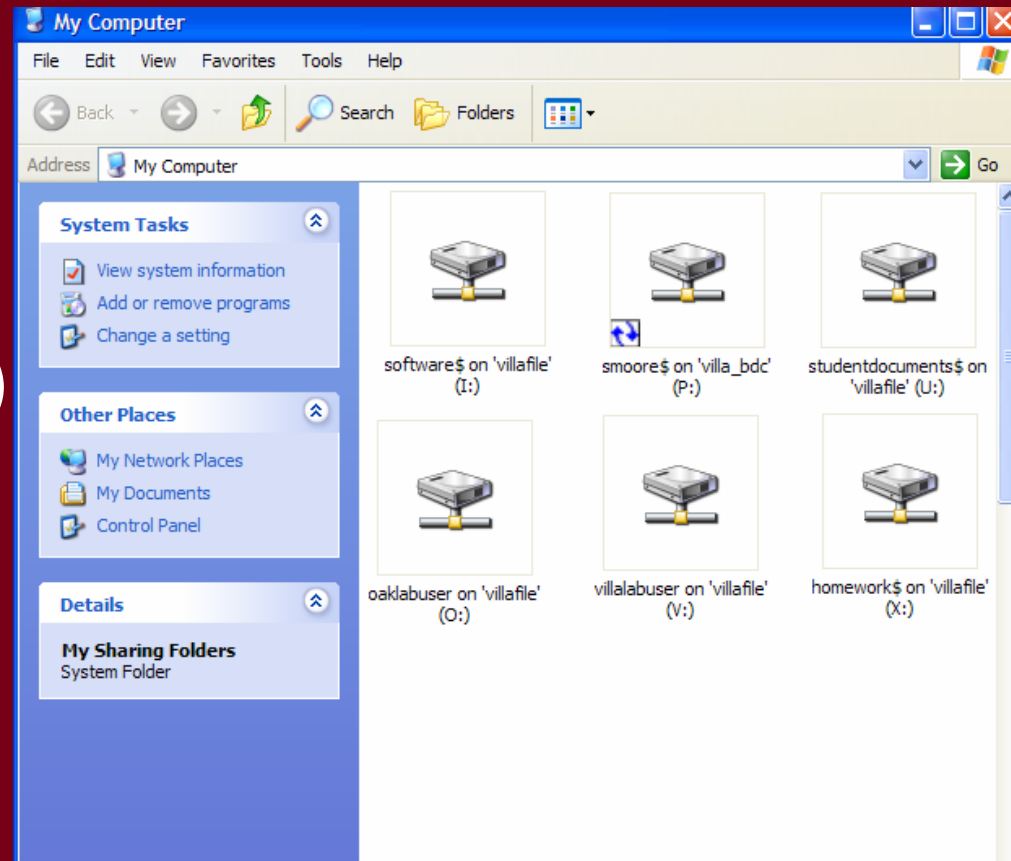
Goal Five: Personal growth in an atmosphere of wise freedom

Technology Rules and Regulations

- In line with Sacred Heart Goals and Criteria
- At Villa, students are given a lot of responsibility to care for and use the tablets as they should be used.
- Students are given many learning opportunities to understand proper use.
- Students use the tablets for school and recreational activities, but they should use them properly.
- Students and parents sign an acceptable use policy ([AUP](#)).
- We have a network filter system (Websense) which tells how students are using technology. (CIPA compliant)

Network Drives

- Villa lab user (V)
- Student drive (U)
- Homework drive (X)
- Backup drive (P)
- Software drive (I)



Tablet PC

- Is unique
- Includes many programs that most computers and most computer companies do not offer
- Helps students of different learning styles to be able to use technology efficiently and effectively
- Use technology often in class as well as out of school
- Our tablets are very useful and have become an irreplaceable aspect of our education

Stylus: The Key

- Used with journal and instead of the Tablet mouse
- Includes a button for right click and an eraser on top (just like a pencil)
- Usage is easy
- Allows tasks to become faster than using the mouse
- Unique in regards to having a stylus, compared to other computer companies (i.e.- Mac) with only a mouse accessible

Journal

- What is journal?
 - ~ An application that we use for writing on our tablets
- What do we use it for?
 - ~ Taking notes in class (i.e.- math, physics and anatomy and physiology),
 - ~ Doing homework (example B, example C)
 - ~ Studying at home
- What are its advantages?
 - ~ Saving paper usage, sending HW electronically, organization, inserting images to support and show work, and mistakes can easily be edited (i.e.-delete, cut, copy, paste, stroke eraser, color, and pen style)

Sticky Notes

- Quick
- Simple layout
- Auto-save to prevent loss of data
- Multiple notes available at one time
- Handwritten
- Great for keeping track of homework
- Record messages

E-mail

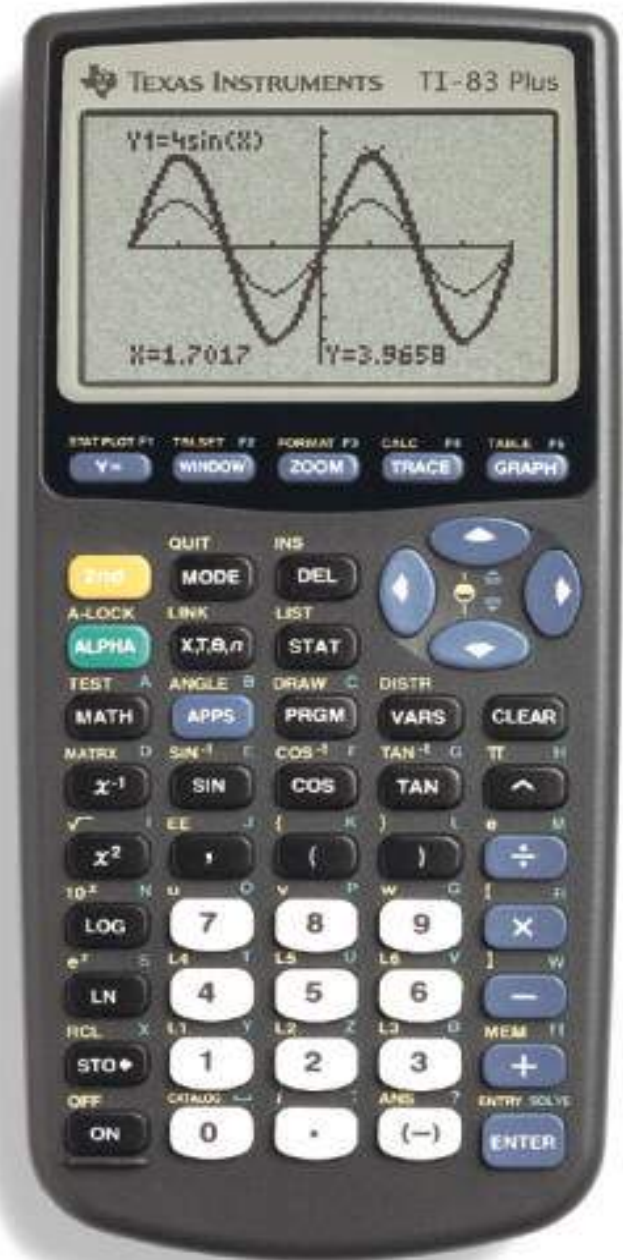
- Efficient way of communication
- Many people can be notified with one click of a button
- Connects students and teachers
- Limitation of 10 e-mails per day to help reduce student distractions
- Use Outlook calendar rather than paper planner
- Classroom Use

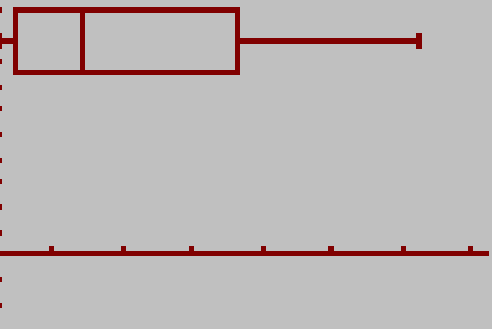
Edline

- Supports Paperless Environment
- Teacher Webpage
- Parent and Student login for security
- Automatic E-mail Distribution List
- Grades
- Homework
- Calendar
- Class Resources
- File Locker

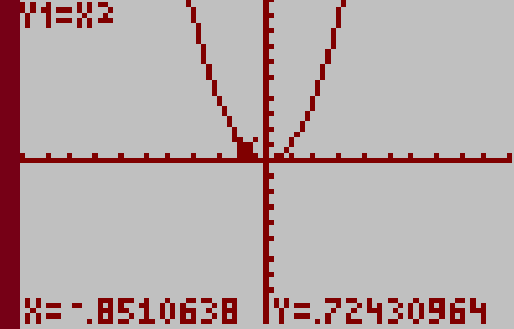
Virtual TI-83

- Graphing calculator that students are required to use
- Handheld TI-83 is bulky and most students do not like carrying it or taking it home
- Downloaded on every computer for “virtual” use



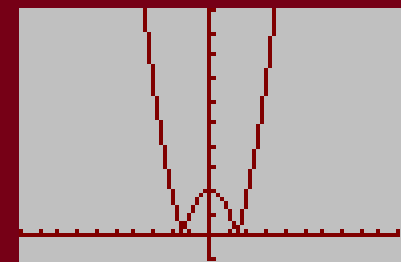
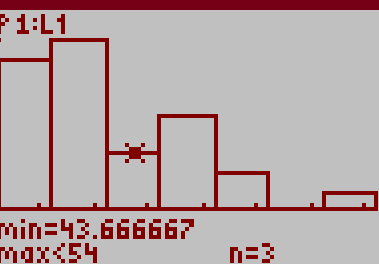


VirtualTI-83



Why is it different?

- Now it's available for the PC
- Most students use their computers for math homework and the necessary tools are in one place
- Screenshots from the TI-83 can be inserted into a journal document
- Neater than graphing by hand and easy to use



Online and PDF e-text books

- Students use e-text books online and pdf books for various classes, for example:
 - ~ Most Courses in Math – [Algebra](#)
 - ~ Chemistry
 - ~ Anatomy and Physiology
 - ~ Social Studies
- Some classes have hard copy texts and soft copy texts which allow students of different learning styles to learn effectively

Audacity

- Free recording download program
- Can record up to 4 hours
- Usage is easy and accessible
- Records accurately and effectively
- Can be used for recording teacher's lectures
 - ~ missing a class
 - ~ review sessions for tests and semester exams
- Foreign language "lab"

Geo Sketchpad

Power Toys/Tools

- Experience Pack
 - Snipping tool, Ink Desktop, Ink Art, Ink Crossword, Media Transfer
- Education Pack
 - Hexic Deluxe, Ink flashcards, equation writer
- Power Toys
 - Composition tool, Art tool, Physics Illustrator, Calculator, Dictionary, My Font tool, Power Paint, Writing Practice, Handwriting Analysis
- HP Learning Paqs

Games

- [Quia](#) ([Example 2](#)) and other online applets
- Student “ownership” of TPC is 24/7
- Informed of classroom expectations, rules, consequences
- Learn consumer safety for downloading and installing
- Students use common sense
 - Goal 5

Our Personal Additions to the Tablet

- Students can individualize their tablets by installing or downloading programs and personalizing desktops and folders
- These programs are useful to help students with different learning styles to quickly and efficiently do homework
- Allows students to learn about and explore technology

Tablet PC Program Advantages

- Inking
- Unique Tablet PC applications
- Organization – All notes on smaller, lightweight computer
- E-text
- E-mail and communication with teachers
- Quicker access to many resources, immediately
- Anytime, anywhere access to school work
- Wireless

School vs. Home Use

- Take notes during class
- Use the Internet to get information
- E-mails regarding sports and other school activities
- During free periods students study from notes on their tablets
- Most have all of their notes on the tablet, so they are more organized
- Use the Outlook calendar to stay organized

About the Teachers

- School provides a Tablet PC and at-home access
- Full professional development in infusion practices, use of tools, development of activities within curriculum – offering graduate credit
- One-one instructional support
- Use electronic gradebook (Jackson GradeQuick)
- Curriculum mapping (Rubicon Atlas)
- Attend and present at conferences

Contact:

Stephanie Moore

314-810-3484

smoore@vdoh.org

Webpage:

<http://www.vdoh.org>

