FEBRUARY 2014

Technology In Schools

In review

How can technology be incorporated into the classroom curriculum?

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EDUCATIONAL APPS

IPAD KEYBOARD

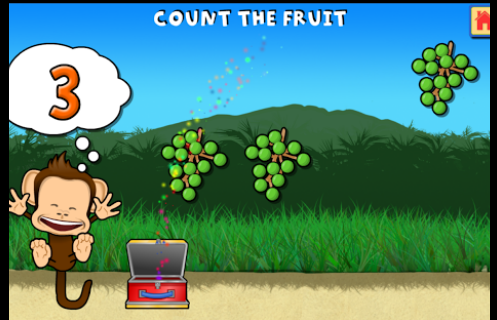Experience the full power of editing.

Number 1 Right Now

Monkey Preschool

Love It!

I've had this app for about 4 years and its been the favorite of 2 of my boys. The older of which is now 6 and the younger who is 3. Great value!

Well Designed Game!

Very professional, polished game. My 2 year old loves it! I like how it automatically moves from one activity to the next to keep it interesting.

Educational Games

BY KELLAN THEOBALD

What apps could help your child to learn better at school and increase learning at home?

Galaxy Note 10.1 2014 edition. A Tablet Made for the Writer.

PRICE

16 Gig $549
32 Gig $599

RATING

THE GOOD
Great for Teachers and Students for Writing.

THE BAD
Pffff. Who am I Kidding, This Tablet Has No Bad.

YOU don't have to be a genius to play educational games. These games and simulations, can and will teach and inspire you while you're having FUN! Educational games are considered learning while doing something you like, its quite spectacular. There are some great educational games out there for your interests. Look up a topic that you like. For instance if you like strategy you could try 'educational strategy games' or something like that.

The problem in recent years has been finding educational games that can match the graphic quality and speed of other video games. But that's changing. For older children, experts say games that put abstract concepts into real world situations, making the subject much easier to learn, can be good choices. Research has consistently shown that playing computer games produces reductions in reaction times, improved hand-eye co-ordination and raises players'

EDUCATIONAL APPS

games can provide elements of interactivity that may stimulate learning. Video games also allow participants to experience novelty, curiosity and challenge. This may stimulate learning.

Video games equip children with state-of-the art technology. This may help overcome technophobia (a condition well-known among many adults). Over time it may also help eliminate gender imbalance in IT use(as males tend to be more avid IT users) Video games may help in the development of transferable IT skills Video games can act as Educational games aren't like school, they are games you like, but still appropriate for school. These games are supposed to get you to learn in or out of school. Kids trying to sell Mom and Dad on video games have a new angle -- some of those hot titles may be educational. Long snubbed by game-savvy kids who prefer action and horror titles like Gears of War, educational computer games are making a comeback. simulations. These allow participants to engage in extraordinary activities and to destroy or even die without real consequences.
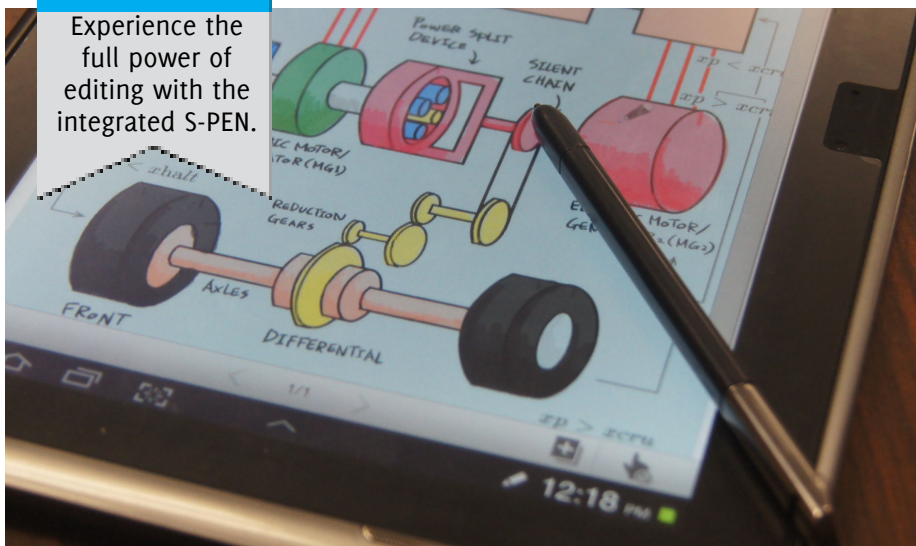
Video games may help adolescents regress to childhood play (because of the ability to suspend reality in video game playing). If you think what experts say is crazy this is an actual quote from them 'Minecraft extends kids' spatial reasoning skills, construction skills and understanding of planning," said Eric Klopfer, a professor and the director of the Massachusetts Institute of Technology's Scheller Teacher Education Program. "In many ways, it's like a digital version of Lego.' Unbelievable right?

Here are the 6 points for games like this.

1. Be easy to use

2. Span learning stages – initial exposure to applying concepts

3. Accommodate different learning styles

4. Be flexible enough to fit into new school program updates

5. Adaptable to different levels of instructions, introductory, intermediate, and advanced

6. Not just a supplement but integrated into a course

Number 2 right now

Mickey's Paint and Play!

Impressive

The animation is really impressive. My kids love how their coloring comes to life. This is really a fun app!

Buy it!

Make sure your device is supported because this game is awesome. 2 and 3 year old love it. The content is really awesome and up to par with what I would expect from Disney!

GALAXY NOTE 10.1

Experience the full power of editing with the integrated S-PEN.

My Digital Toolbox

BY GREG HALL

How can my Tool Box help you? Does mine compare to yours?

Much like my toolbox at home, my digital toolbox is filled with a variety tools used to accomplish a variety of tasks. And much like there are certain tools that I come back to time and time again, there are several digital tools that I come to rely on much more than others. Here are my top five most used digital tools.

Before I dive into sharing my top five digital tools it would be wise to share a little background as to what I use the tools for. I am a teacher at Fox West Academy; a project based learning middle school that really emphasizes developing students as independent learners and leaders. Because I am charged with helping students to choose to lead with respect, confidence, and passion, there is a lot of emphasis on developing their independence as far as it comes to their learning. Additionally we value using a variety of digital tools to create, collaborate, and connect. So
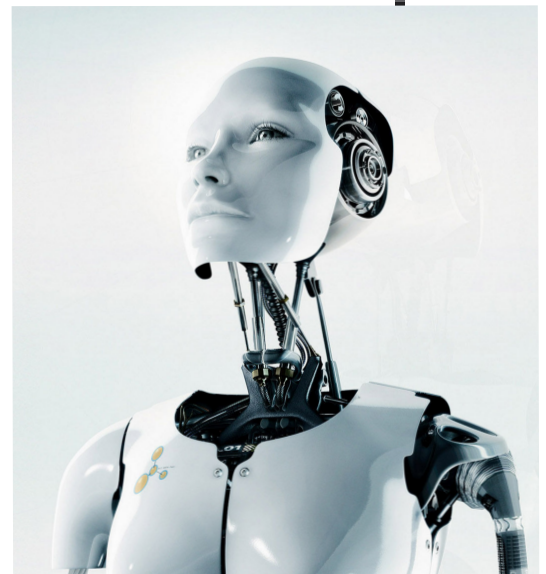
without further ado, here are my top five most used digital tools.

This all-in-one movie creating app is a must have for the project based learning classroom. This app proves itself worthy of its steep price of $4.99. iMovie has been used by many of my students to showcase their learning or final products. Operating in a primarily PC-based school, I love the variety of ways to work with media files. I consider iMovie to be the Swiss Army Knife of tools.

Do you want your students to travel beyond the walls of your classroom? If so, then the app 360 Cities is a must have in your digital toolbox. Thanks to millions of contributors from around the world this 360 Cities provides viewers with 360+ views of the world. With an extensive data base of sites ranging from famous landmarks such as the Grand Canyon to miscellaneous wonders like spice shops in India, viewers can virtually travel, experience, and learn about their worlds.

 A new addition that has quickly become a must have is the Your Teacher math app. As a math teacher, I am in charge of meeting the learning needs of students having a wide range of math abilities and likes. Your Teacher allows me to provide vetted resources on an as-needed basis to ALL of these students. The beauty of this resource lies in its accessibility and diversity. This membership provides access to web-based math instruction and lessons on a variety of platforms. It comes with practice problems, video clips covering all math concepts and skills. Membership allows access for students to have all of the available courses.

Notability makes the list simply because it takes iOS tablets from a dispenser of information and media to a creator of information and media. This app turns an iOS device into a digital whiteboard with all the bells and whistles. As a teacher, I value this app because it allows students to reflect on their learning in the all-important kinesthetic way.

Last but definitely not least we have YouTube.   One of the holy grails of the today's learner landscape is accessibility to information. As far as how-to videos go it doesn't get much better than YouTube.
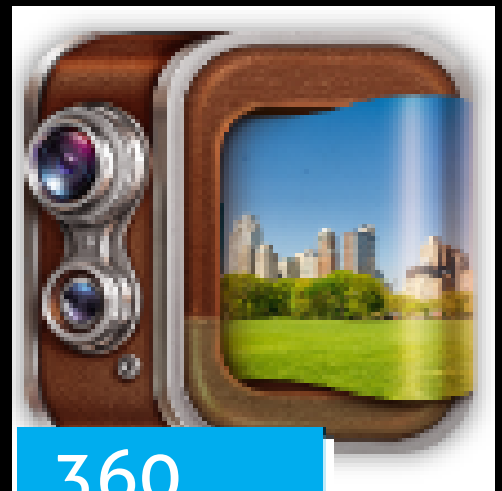
360 Cities

Top Reviews of This Product:

A window on the world...

Not just a great app; a magic window on the world. It feels like what Steve Job's must have been dreaming of when he conceived of the iPad.

Pretty Amazing!!

Some of the panoramas are low quality, but the shots that are high-def are amazing. The interaction with my IPad is spectacular.

Letters To The Editor

FROM ZACH MATTHEWS

Dear Editor of Technology in Schools Magazine,

I have been wondering what are the uses of Smart Boards? Also how common are they in schools? See, a friend of mine said that his teacher uses something by this name every day. I als o heard that they use technology in the classroom for their school work, I thought that computers were only for playing PC games and communicating with friends. Also how do you text? I have an old flip phone.

II can't wait to read you next magazine,

Second Grader,
Zack Matthews

419-867-1273
4251 Upland Avenue
Holland, OH 43528

DEAR: Zack Matthews,

First of all, Smart Boards are used in many schools around the world. They cost a lot of money and their are many teachers that like them. They can connect to desktop computers and laptops. They use a projector to display the screen of a laptop on the touch enabled white screen. The Smart Board communicates with the computer when using the pens and when touching it. Also, computers are used for learning in schools. One of the largest uses is Microsoft Office which is used to create and publish documents plus there are a lot of educational websites that students and teachers like to use. Keep looking at my magazine and enjoy this one please. Thanks for being a loyal customer and writing to me last month.

Dear: Editor of Technology In Schools magazine

I am a long time reader of your magazine I really liked your last issue "Use of Technology Outside the Classroom" in that issue I really liked your article on Apple devices because i'm a long time Apple user but i'm thinking about switching over to Android because I hear its "the Technology of the Future" but i'm concerned about not knowing alot about the device and I am also concerned about not having the knowledge about the Jelly Bean OS so I would like to see an article about it in the future. I would also like to know the Android device you recommend. I'm kinda looking for a phone, should I wait for the GS5 or just go with the GS4, also what are the pros and cons of the two different phones.
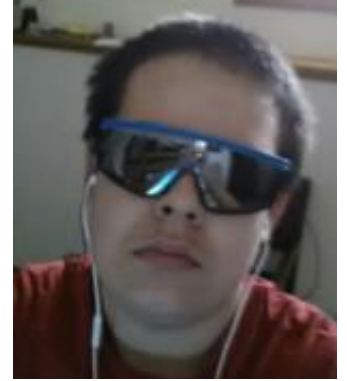
DEAR: Jakob Marty,

Don't be afraid to try new things, personally I'm an Android user when it comes to mobile devices. There are multiple companies that make mobile devices that run on Android, but to you're point; Samsung is one of the most popular when it comes to movile devices. Personally I think right now for a student, the GS4 is fine. Companies are always going to come out with new and better devices. You are in luck, this magazine is actually featuring an article on the pros and cons of the Android operating system 4.3 on the next page if you are interested. Have Fun!

Android 4.3

Tips and Tricks

Android 4.3, also known as Jelly Bean has many coool tricks up its case, so to speak.

In the camera app, you can actually record in slow and fast motion. The only downfall is, without editing in a video maker, once it is recorded at a certain speed, it can't be changed later.

There are also many other features like, you can have 2 windows open and visible, side by side at any given time. That way you could have your homework up on one half and be watching Key and Peele on the other half of your phone screen. I love this feature on my Samsung Galaxy Note 10.1 when im editing documents and still want to listen to Pandora or watch youtube videos.

th the click of button with ogle Now. Track weather, flights, sports scores, photo spots, and more.

Google keeps can be used to take notes, voice recordings, images, and reminders. You can also acces any files or info from your phone with your google account.

If you loose your android phone, 4.3 offers sometihing similar to the Apple iPhone tracker so that if you loosee you phone you can find where it is if it still has battery left. That is super helpful for the forgetful person.

If you are running android on a tablet and you want to use the google maps but need wifi out on the road. You can save location info directly on the device so that you can only use the GPS and use it without wifi.

Android
4.3 to be introduced....
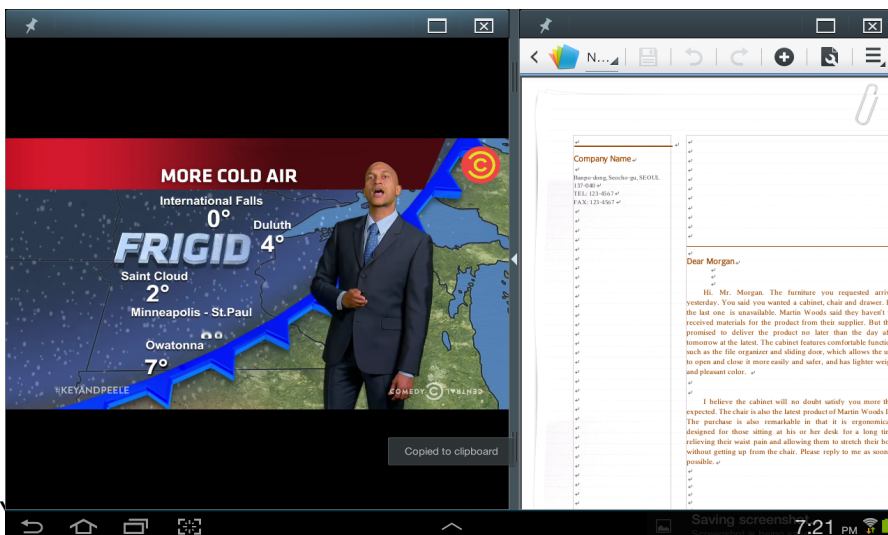
Out with the old and in with the new...

Android 4.4

Android 4.4 is being realeased along with the Samsung Galaxy Note 12.2 Pro. Android 4.4 is coming with new features like Remote Desktop Connection and a Windows 8 like Home Screen that they are calling Magazine Style. Everything you use most often is going to be displayed on moving tiles on your homescreen. - Samsung.com

A Flashback

BY SCOTT LAMERS

Technology and schools have gone together for as long as I can remember. The importance is two-fold – one from the direct use and benefit of technology, the other from exposure of the 'cool factor' that drives personal interest and involvement in technology fields.

The year was 1987 – 27 years ago – a long time ago for some of you. The place was Holy Cross Grade School in Kaukauna, Wisconsin. The technology I specifically remember at the time was a Commodore Pet – a computer already discontinued by the manufacturer, but our school had many of them.

They were high tech at the time – they had 32kB of RAM (In comparison a computer today with just 1GB of RAM as 32,768 times as much memory)

And let's not forget the screen. Do you like looking at pixels? These displays could show 40 characters wide and 25 characters high… Those were the days! And they were all one color – Green.

So what do you do on a computer like this – well educational learning – math, spelling. And where would you get these programs from. There was no such thing as 'the internet'. There were no hard drives to store program. No DVD drives or even a CD drive. We didn't even have a floppy drive (if you don't know what this is – look up information on a 5.25 Floppy). We had programs on TAPE. What's a tape? Remember your VHS player. Well think of that, but smaller – or ask your parents what a 'tape' is.

You think waiting for the internet to respond is painful now. First you had to fast forward the tape to the point where the specific program was saved. Then you'd have to tell the computer to 'read' the data from the tape and press play on the tape player. Depending on the size of the program it could take 5-10 minutes to read the data from the tape. Then you had to wait for the computer process to 'run' the program.

So, how do you get a room of 30 computers ready for class when you have only 4 tapes with the program? Well, you start loading the first 4. By the time they are done, you can start loading the next row of computers. After about 30 minutes of running

around between computers, you are reasy for class to come in. And then you hope no one accidentally turned off the computer or gave the computer an improper command – because then you had to start over...

That was how I often spent my lunch hour in grade school. Rather than playing out on the playground during lunch recess, I had the awesome responsibility to get the computers ready for afternoon classes of 4th and 5th graders – eager to use these computers to learn about spelling and math.

What did I learn? I learned that I had a love for technology even at that age. We would later get a Commodore 64 at our home as a family computer – with a floppy drive. A friend of ours had a 'modem' where you took the end of a phone and put it on a special device so one computer could talk to another. Not at 5MB download speeds, but 300kB – if you were lucky!

In High School I was able to experiment and learn how to program the Apple IIe and Apple IIGS. In college we had IBM computers.

In the year 1993, I got my first real computer. It had 12MB of RAM and a 340 MB Hard drive (still less than the capacity of a CD of today's standards). It was a high end machine that enabled me to

excel while in college and it continued to drive my interest to be involved in the manufacturing of electronics.

Today I help program and test software solutions that are used to drive our electronics manufacturing process so that we can build wireless power and gas meters, Ultrasound machines, Black boxes for airplanes, Cable Modem head ends and internet switches.

So the next time you are tired of waiting for Google to give you an answer or a program is not loading fast enough – perhaps you will discover that you want to understand what it is doing and take up the interest to get into a technology based field. The world needs lots of smart people that want to understand and develop the next wave of technology.

Scott Lamers

Scott Lamers is a Senior Manufacturing Systems Engineer and works at Plexus in Neenah, WI.

REFERENCES

1 GB = 1024 MB

1 MB = 1024 kB

1 Single Sided DVD (not Blue Ray) = 4.7 GB

1 CD = 640 MB

5.25" Floppy Disk = 1.2 MB (Double Sided, High Density)

Top 1
PearBook

Recently realeased...

Pear "Apple" has just introduced the new, thin and super portable PearBook Mini. It is a 12" lapopt that allows you to go anywhere and do anything with it. Stay posted for updates...

APPS FOR JOBS

iFeatures

BY SUSIE LAMERS

Susie is the clinic director at the Strong Chiropractic Office in Appleton, WI.   She utilizes many apps while at work, such as:

Email
Send and Recieve business emails. She approves ads and keeps in touch with the doctors and patients.

Linked In
To connect with other professionals about the chiropractic industry.

Strong Shortcut
A quick access to the company website.

Calculator
Calculate patient water hydration levels with a special math formula.

Camera
Take testimonial videos and pictures of patients.

Words with Friends
To de-stress and have a little break playing a word game with friends and family.

Calendar
Keep track of meetings and patient appointments. Also to keep up with family activities.

Pandora Radio
Also uses for de-stressing and entertainment.

Facebook
Update the company page and keep in touch with friends.

Adobe Reader
To preview ads as they come in through email.

My Fitness Pal
Keep track of her personal health and wellness plan.

TED Talks
To broaden her knowledge with different educational topics.

Post Crescent
Keep up with the local news and information in the area online.

Internet Browser
Browse the company website and make sure it is up to date.

Phone
Contact employees and patients with the latest information.

Weather Bug
To check the weather for general knowledge of what the week will bring.

iFeatures

Sarah is a teacher and presenter for iPads in Education. She loves to use her ipad when teaching.

Video FX
Create cool videos with greenscreen effects.

Splice
Simple photo and video editing and movie creating. Audio too.

Smart Notebook
Controls the SmartBoard and streams video and audio too it as well.

Stage
Take pictures of documents and then draws on the documents.

Toontastic
Make cartoons with a wide range of characters and scenes. You can use the camera role too.

Keynote
A PowerPoint presentaion app for mobile IOS devices.

Doodlecast
Virtual white board that you can write on and add images to.

Smart Office
An IOS option for MS Office on the ipad that can be uploaded to Google.

My Story
Create eBooks with audio, pictures and documents. Export as a PDF.

SimpleMind +
Create flow charts and brainstorming webs.

Puffin
Search engine that allows you to use some flash related iPad programs.

My Scrit Calc.
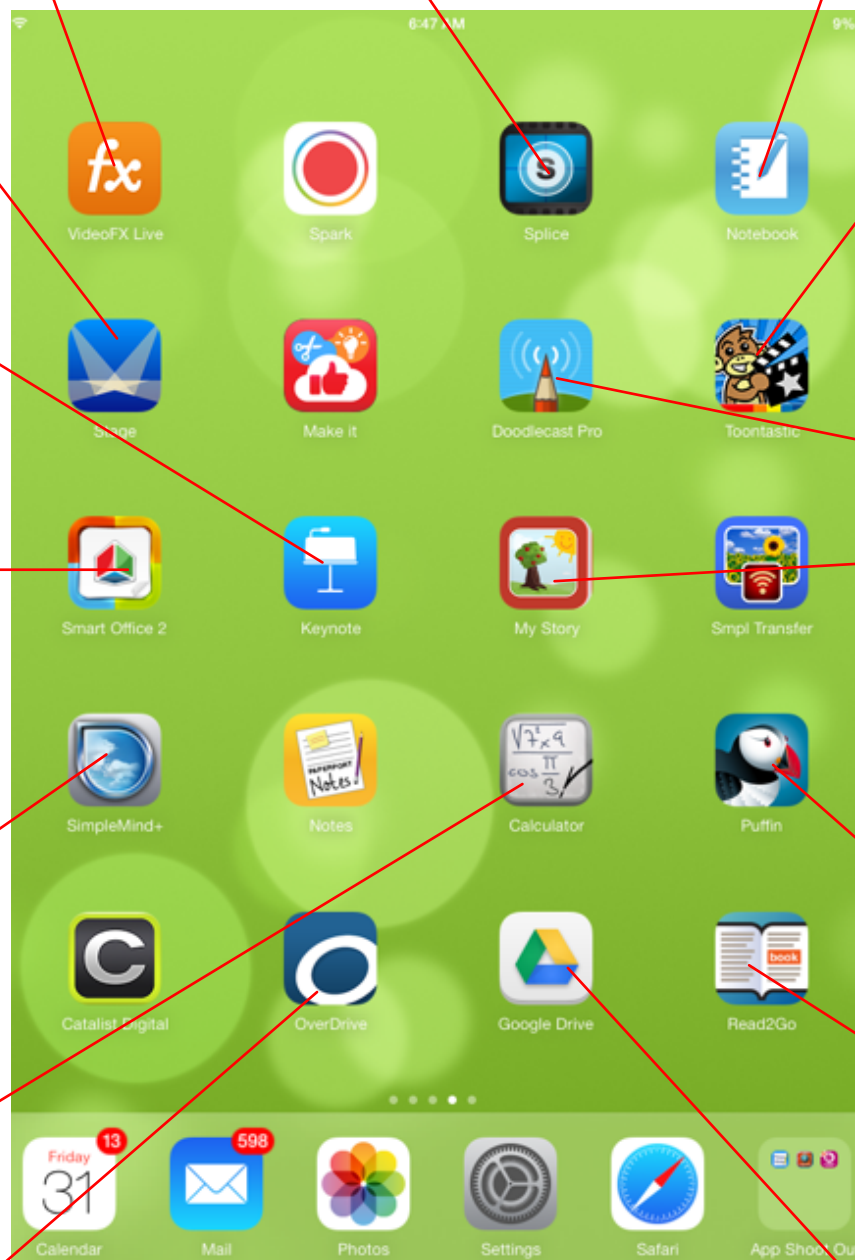Wtite out the math problem in a mathematical way and the app solves it.

Read2Go
Let kids with dissabilities have ebooks read the them through an audio source by the Federal Government.

OverDrive
Check out and read virtual books from libraries in the country. Auto return too.

Google Drive
Acces saved files over WiFi that you saved to your Google Account.

Need Learning? Google It!

BY DAN LUNDSTROM

What were electronics like when I was in school?

Technology has integrated almost every aspect of our lives and work, and education is no exception. From the advancement from chalk and slate boards to spiral bound notebooks and mechanical pencils, perhaps no leap in education tools can compare to the use of computers for learning. Even more specifically, opportunities for production and collaboration began to grow with major companies like Microsoft and Apple Corporation fighting for education dollars. Along came Google, and the game indeed changed.

Google.com was registered as a domain on September 15, 1997 - this was almost two years after I graduated from college in Stevens Point. It was also the same year I got married. Why is my history important? Well, throughout my school years from elementary through college I had a wide range of experiences playing – learning that is – with the technology of the time, and as much as possible from a student perspective, I considered myself an 'expert.' Personal computers were just beginning to be developed when I was in early elementary. My mom worked for Holy Family Hospital in Manitowoc as a data management systems coordinator. As a result of her experiences, Mom and Dad saw value in technology and around 1980 our family was the proud owner of our first personal computer...an Atari 400. Over the course of the next few years I had gained some experience on early Macintosh and Commodore computers, but this was mostly just for playing games.

As for using technology in schools, my first exploration (besides a calculator) came during my 8th grade year when Mrs. Parker assigned our class of 24 students to work together to write and act out a video; interestingly enough, this was also my first experience in project based learning! We had to research, write the script, plan it and act it out. We

research, write the script, plan it and act it out. We used paper, pencils, whatever props we could put together, and Kelly Stodola's dad with his VHS video camera (he had volunteered to record and edit the "movie"). All collaboration for the project was done in person or over the phone with written notes in a notebook. Video editing software didn't exist anywhere (outside of Lucasfilm and possibly a few other advanced Hollywood studios). The only computer we had in the classroom was an old Texas Instruments computer on which we could play games like Lemonade Stand - if we had finished all of our homework.

High school brought "word processing typewriters," on which I learned to type. The cool thing was that if you made a mistake, you could fix your error BEFORE hitting the "return" key, which then mechanically stamped out each line. In college at the University of Wisconsin, Stevens Point, I graduated to regular use of computers and email. This was remarkable at the time! To be able to type messages to someone that they could read on another computer was game changing. I also had my first experiences with non-linear video and audio editing. The digital multi-track recorder and video editing suite were expensive, several thousand dollar advanced technology tools that I enjoyed using – although I realized I would not likely use such tools again unless I was hired by a large television or radio studio. To be honest, when I finished college in Stevens Point, I thought my formal learning experiences with technology were complete. Boy was I wrong.

Here's really where the story begins... For a few years already, I had been using Google as a search engine. The results were always better than I would get from other search engines like Yahoo and MSN search. I went back to school to learn how to be a teacher, and I began to experience technology with this question in mind: "How will I encourage my students to use technology, and what will be the best ways to make use of technology for learning?" My college assignments included posting on blogs and online comment boards, but actual online collaboration was still several years away.

For my first two years as a teacher, beginning in 2003, I taught computer class (among other subjects) to 6-8th graders. Our school was fortunate enough to have a classroom set of laptops, and students were encouraged to collaborate. The only change in collaboration, however, was that we went from using pencils and notebooks to having a small group of students huddle around a single computer. Of course, students could copy files back and forth on a flash drive or floppy disk, but essentially the typing and entering of ideas was still performed by a single individual. Google was still a great search engine, but not much more...yet.

Fast forward to 2010 - my first experience with online collaboration in real time. My good friend and electronic engineer, Joe Allard, proposed using this thing called a "Google Doc" to work on lyrics for a song. We'd attempted to do a back-and-forth revision process through an online program called Notemaster Sync with limited success. Now, however for the first time we could both be working on the same document at the same time from hundreds of miles apart! Not only can a person make a document, but there are also spreadsheets and presentations...and all FREE! The only previous software that seemed so impressive for no cost was something called Open Office - a free downloadable alternative to Microsoft Office - but without the ability for sharing and collaborating.

The implications for Google Docs were huge; if we could use this for songwriting, saving files to access anywhere, and working on ideas at the same time in real time, imagine the possibilities! Suddenly the door has been opened to developing ideas in a fraction of the time previously needed due to time saved with easy file management and access. No more flash drives, emailing back and forth, waiting for changes, losing track of most recent versions, or worse, having to do the same changes we'd just done due to a lost or accidentally deleted file! Fortunately for the advisors and students of Fox West Academy, we were able to adopt the use of Google Apps for Education from day 1 of opening this project based learning charter school. One of our primary goals in creating Fox West Academy was to encourage collaboration among students and improve student access to their own files. Google was the only option that had everything we were looking for; approved

FOX WEST ACADEMY
A Collaborative Learning Community

student access to their own files. Google was the only option that had everything we were looking for; approved for use by the Wisconsin Department of Public Instruction, this free suite of word processing, presentation, communication and productivity tools was the perfect way to go.

Here we are 2 1/2 years after implementing the use of Google Apps for Education, and it feels as though we've just begun realizing its potential. Old habits die hard, and initially all of the students and advisors used what we were used to...Microsoft Office. During our first year, Google was used for little more than email, but slowly we implemented requirements to create and use Google documents, share them, and revise as needed. Suddenly the excuses for lost flash drives and missing files were no longer valid; more

importantly, though, students and teachers could access Google files from anywhere! Students are now submitting and sharing Google documents and files on a regular basis.

Although lacking some of the flash and polish of its Microsoft Office counterpart, Google Drive files and programs perform their required tasks admirably. The ability to create in a familiar program such as PowerPoint, then upload and convert to a Google Presentation also has its benefits. In addition, tools like the incorporated search feature, which allow users to search for sites and images within the paper or file in development.

Now students and teachers use the Fox West Academy Google applications for almost every aspect of learning. Students and advisors send email reminders back and forth; documents for homework and collaboration are shared and copied; requirements are posted online and accessed. We've finally gotten to a point where students and advisors rely more heavily on Google Docs than on the Microsoft Office suite – and I can't foresee our reliance on and our effective use of Google apps for education changing anytime soon.

TECHNOLOGY WORD SEARCH

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G P U P D E L L T M E N C M E J T M J E
E B U T U O Y Z X E N R I A E R T A U B
X B G A B Q M Y T H L C A J M E D C E O
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ACER
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EMAGAZINES
GOOGLE
IMAC
INTERNET
IPAD

IPHONE
IPOD
LAPTOP
MACBOOK
MICROSOFT
SAMSUNG
SKYDRIVE
SKYPE
SMARTHOME
SOFTWARE
TABLET
TELEVISION
TOUCH
WIRELESS
YOUTUBE

Colorful Keyboards

Brought to you by Carson's Colorful Creations Corporation!

Colors Come In:

Blue **Green**

Yellow **Purple**

Pink **Orange**

White **Black**

Buy One Get One 50% Off!

From: "Belinda" <belinda-superstar@gmx.com>

To: john.doe@gmx.com

Subject:

Verdana | medium | **B** *I* U S

This is a spell check testr

tester
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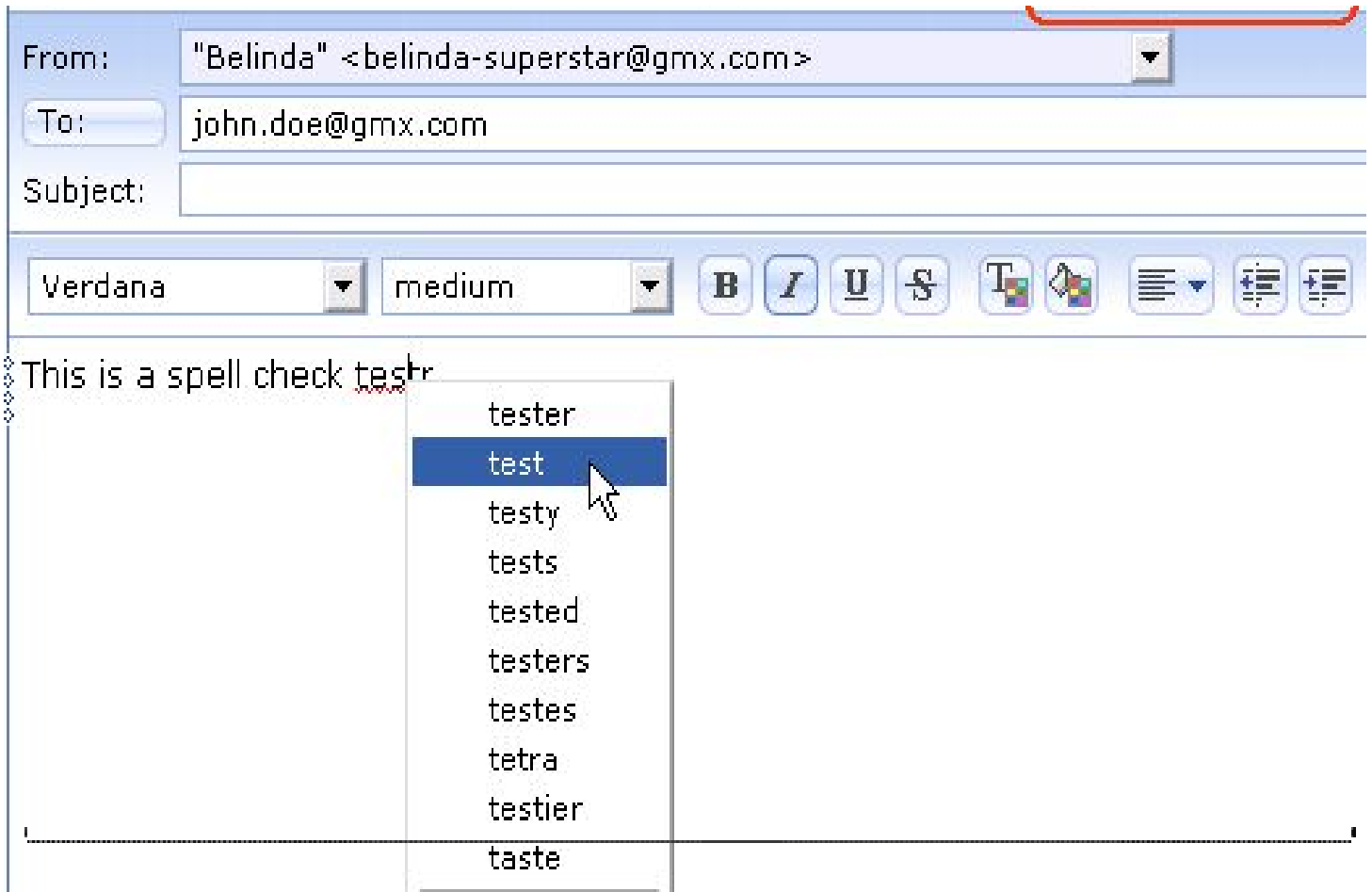
Whats Technology?

BY MRS. STREICEHR Marcia Streicher is an Art teacher in
WI and loves making masterpieces with her favorite students...

I do not like technology; most of the time I hate it. Can you tell I was born in the 50's? If I had to choose between an all yes or all no to it, you can probably guess my answer. To be honest up front, I am writing this article on my computer. It is an easy job pressing the backspace button to correct typing errors, and spell check is a wonder editor.

 In my college days, writing interesting and relevant papers was hard enough, and typing them, even on the revolutionary Electric typewriter, took forever. To be precise, forever meant 5:30 am the morning the paper was due. I like using Word and Spell-Check.

I have a Smart phone. It is smart, I am not. Thanks to teenage wonder students, I can actually answer a call, make a call and send and receive a text message. As an Art teacher, I "use" one of my special wonder students to teach me how to draw on my phone. I love his help, but I'd really rather draw with a pencil and eraser.

 Oh yes, I have also learned to play Words with Friends. That's not to say I haven't played Scrabble all my life, but now I can play with a friend not in the same room as I. That can be pretty cool, but my friend and I don't get to be face to face and enjoy all the laughing and fighting over what are real words. The game just tells me my electronic word is not a real one. And, anyway, if I forget to look at my Smart phone every day or so, I lose the game! I hate that when I am winning.

TECHNOLOGY CROSSWORD

I have been communicating with people on the phone most of my life. My brothers and I loved picking up our party line phone and communicating funny noises with other people trying to have their own conversations. It also used to be exciting when the home phone rang. We would actually run and fight to see who could answer it. A ring at around 7:30 on a Wednesday evening meant the boyfriend was calling for a date that weekend. Sometimes it didn't ring and then I even hated that phone. Nonetheless, the ring of the phone meant adventure of some sort. Now, no one in my home picks up the telephone unless there is someone on the other end to whom you wish to speak, to say nothing of never answering the anonymous callers on Caller ID.
I admit I have used my Smart phone to call my husband inside the house as I am pulling out of the drive way. I have been stupid, forgetting to tell him something before leaving. Before Smart phones, I would have had to be smart enough to drive back into the drive way, run back into the house, tell him my message, get back into my car, not having used any extra time. Believe me, I have done that. Before Smart phones, I had to be smart enough to think before leaving.

 Have I really begun to rely on technology? Have I started to stop thinking? I think the answer is yes, and I don't like it one bit.
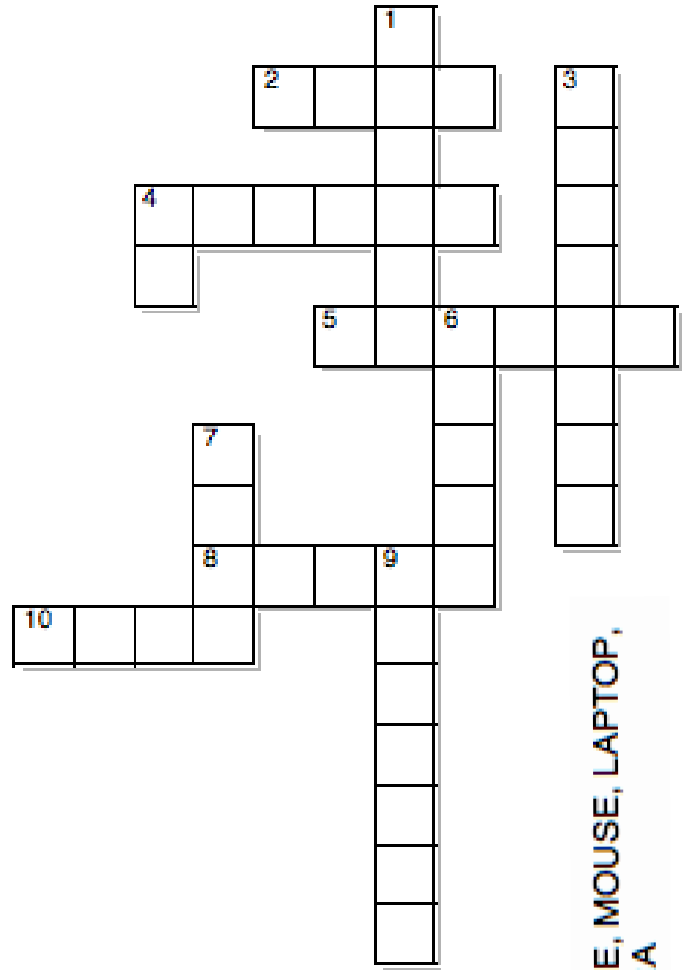
ACROSS

2   A tablet made by Apple
4   A more portable laptop
5   A portable PC
8   A device to control a pointer on a computer
10 Wireless internet

DOWN

1   Device for taking pictures
3   A device used to type things into a computer
4   A screen for viewing files
6   Device to make call
7   Cord used to transfer video from a computer to a monitor
9   A company that makes Laptops, Cameras, TV's, and more

WORD BANK: WIFI, TV, TABLET, SAMSUNG, PHONE, MOUSE, LAPTOP, KEYBOARD, IPAD, HDMI, CAMERA
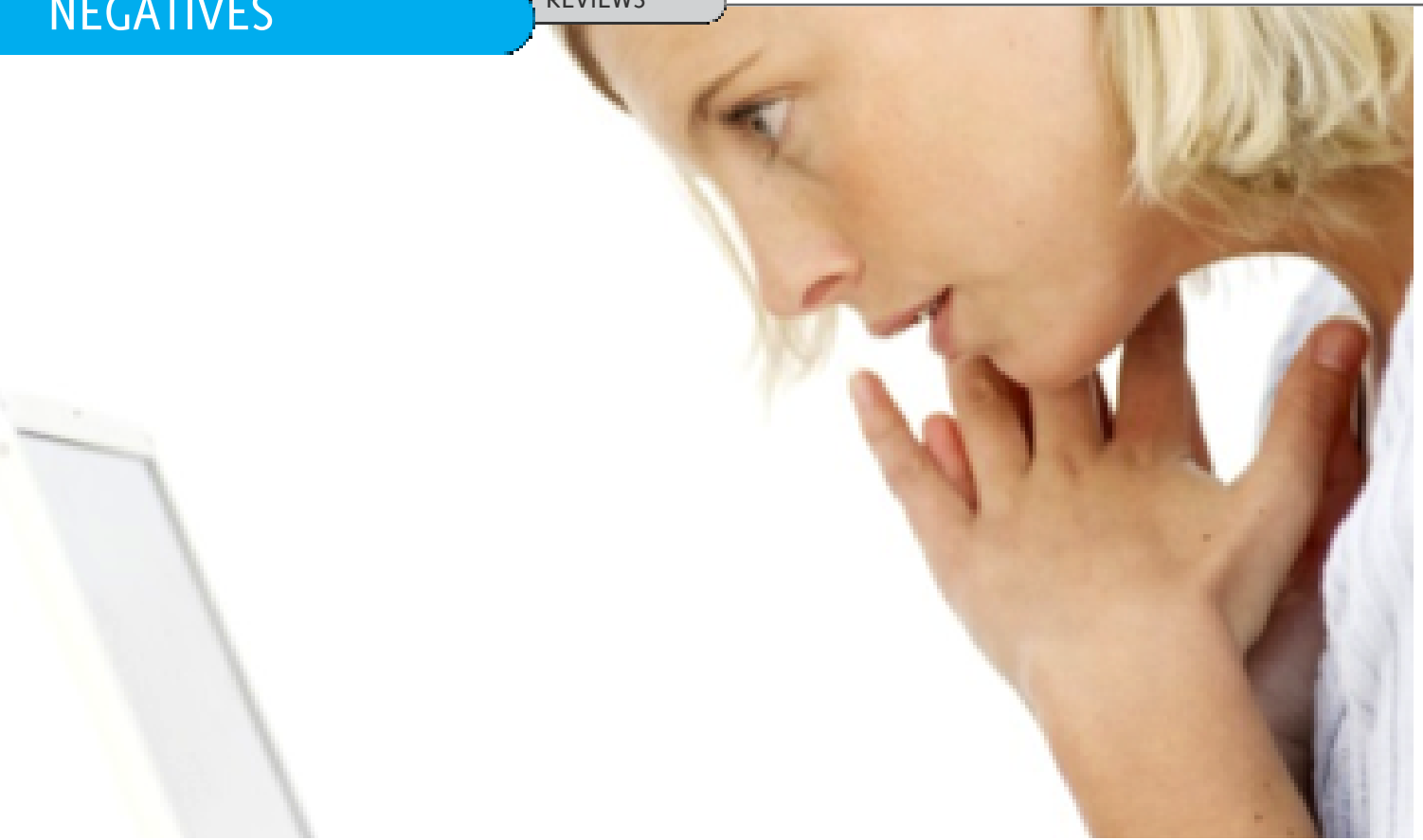
Cyber Bullying

BY BREYLIN SOTO

Breylin makes comments and tells all about the seriousness of Cyber Bullying...

Cyber bullying is a very horrible thing that is sadly very common, 43% of kids are cyber bullied and 1 in 4 of them has it happen more to them more than once. You may just say that it can't get that bad if you tell a parent right, sometimes that won't be the case, only 1 in 10 kids will tell a guardian. You may wonder "how can cyber bullying even be that bad?"

bullying can be a lot of different things like giving threats, spreading rumors, or even just giving your device a virus. Sometimes the bullying can do more damage that people think, 2 out of 9 kids bullied on the internet are more likely to commit suicide than the other 7.

Alexis Pilkington was 17 years old when she decided to take her own life due to cyber bullying. Kids were constantly taunting her. Ryan Halligan was also a cyber-bullying victim and after enough in eighth grade, he took his own life too. But not all kids that are cyber bullied end with suicide, A 14 year old girl named Emma was also a victim being bullied by her own best friend, but after enough she put her foot down and told her parents, after she told them, everything was taken care of and she now lives a

It's very important that even the closest people to you can become a bully, it just shows that you need to be very careful with who you trust your information with. Cyber bullying can also be a way to make the bully feel good about their self because they don't feel good enough, the only way to make themselves look cool, is to make everyone else seem less than the bully. Kids don't realize it happening but really it can happen and get worse any time anywhere. You need to be ready and stay strong because it can make you stronger or tear you down, so just remember to tell a parent, it may not seem cool and you may want to take care of it by yourself, but telling a trusted person could just save your life. Stay safe!

Date: 02/01/14

Pay to the order of: **Fox West Academy** $ **5,000**

Five Thousand   00/100 Dollars

For: Synergy Tech Team

SCA Tissue

Authorized Signature

$5000 Tech Grant

BY MRS. KOENECKE   Fox West Academy Receives $5000

SCA Tissue Grant for Synergy Tech Team

Fox West Academy's vision statement is "Choosing to lead with respect, confidence, and passion," and Mr. Greg Hall is always on the lookout for opportunities to put his students' in these leadership positions. Recently, he received a $5,000 grant funded by SCA Tissue that will financially help him create some opportunities for his students.

With the monies from this grant, Hall has created a "Synergy Tech Team". This group of Fox West Academy (FWA) students' mission is to help technology and digital curriculum spread into science classrooms across Fox Valley. How will this work?

Hall is seeking students from his school to be a part of the Synergy Tech Team. These students, with Hall's advisement, will develop a curriculum that is user friendly for other teachers and their students. They will use the grant funds to purchase the technology required (such as iPads, Bluetooth data loggers, or high speed cameras) to implement the curriculum.

But here's where the neat part comes in. The Synergy Tech Team from FWA will then go to different classrooms all around the Fox Valley and teach the teachers how to use the equipment. So say there is a teacher in Appleton who is interested in using iPad's iMovie to create a movie trailer about a book the class has read. FWA's Synergy Tech Team will take a set of iPads to this teacher's classroom and show the class how to use the equipment and program. Or maybe there's a physics class in New London, whom would like to use a high speed camera to

BLUETOOTH DATA LOGGING

maybe there's a physics class in New London, whom would like to use a high speed camera to record the infamous egg drop, but doesn't have the budget for a high-speed camera. Synergy Tech will help out there too.

However, it even gets better. After FWA's students visit the classroom and train the teacher in how to use the digital equipment, the tools are then left behind for a set amount of time, so they can truly learn, use, and get comfortable with the

those, "sit, get, and forget," learning experiences. It is expected that the training provided will be implemented immediately into the new classrooms. This will ultimately lead to these teachers becoming more comfortable with the tools and not only will the current students in that particular classroom benefit, but so will future students as well.

FWA prides itself of being ahead of the digital learning curve, but wants to be sure that all students have access to the tools and learning resources that create an incredible learning experience. Thanks to Hall, and the Synergy Tech Team, for creating an outreach program that will lead to not only a leadership learning opportunity for the Fox West Academy students, but students all across the Fox Valley area.
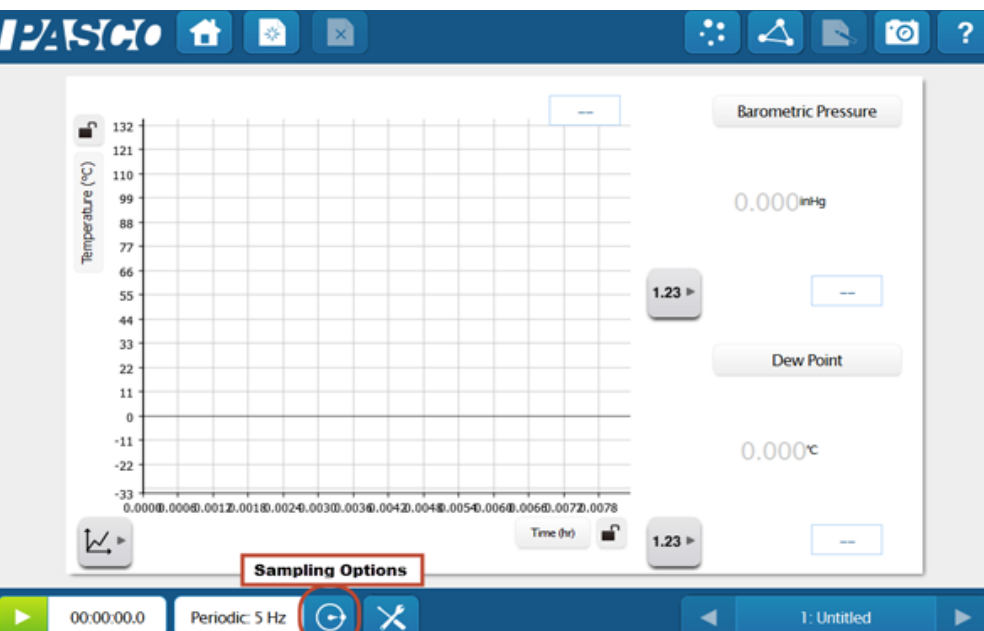
sparkvue®

Sweet Comment

By Pasco inc.

This app was designed to work with special Bluetooth data logging equipment.

Great new features for tablets from the world leader in 21st-century science education!!I love the new look of this update, and the assessment feature is well done.

equipment. This is not one of

Chris Lehmann

Chris Lehmann loves to be a leader when doing TED talks. Heres the inside on technology in schools...

Have you ever scanned a QR code? If not you should try it, but today the app code you need to scan is the picture on the next page to see an EXCLUSIVE INTERVIEW with CHRIS LEHMANN. See the exciting facts and tips about getting technology into your school today. He tells all the importants of technology and how it benefits out students.

First install the Aurasma app as shown below:

IOS:
https://itunes.apple.com/us/app/aurasma/id432526396?mt=8

Android:
https://play.google.com/store/apps/details?id=com.aurasma.aurasma&hl=en

Or just type AURASMA into the app store on your mobile device.

Second, scan the image on the next page and enjoy the Exclusive Content...

Make an Aurasma:

/ Step 1

Pick your content from our library or your device.

Create >

/ Step 2

Take a clear picture of your trigger - don't press the button until the bar goes green!

Ok >

/ Step 3

Get your content into position and scale it. When you're ready, tap the arrow.

Ok >

My Letter To You

BY CHRISTOPHER LAMERS

I hope you enjoyed reading this issue just as much as I enjoyed editing it...

Dear Loyal Readers,

I loved editing this magazine and pulling all the articles I recieved from fellow classmate writers. I have loved this project so much. I want to make a shout out to Mr. Hall, who has allowed me to use this awesome online program for creating and publishing this magazine.

I enjoyed writing some own articles fo rmy magazine. Through the excitement and pressure to get this done, I have had lots of fun. Thank you to the writers that wrote fo rmy magazine and decided to help out a fellow classmate when he was in need. Thank you too, to all 3 teachers for taking the time and my Bear Bucks to write articles in my magazine. It's been quite

an experience. Thanks also to my dad, who wrote "A Flash Back" and did a great job on it. I really appreciate that. I also want to thank my mom who wrote an aweme ad for my magazine. It looks great. So readers check the back of the cover page for a great product idea in your classroom.

I have had so much fun and have learned so much at FWA in my two and a half years there. Meeting the President in 7th Grade at Arlington was absolutely amazine. It was a truly unforgetable moment for me and the rest of the class. Personally President Barack Obama is not my favorite, but to meet the President of the United States, whom ever it may be, is quite an honor. Thanks to the teachers that went to DC.--

So far 8th Grade has been an awesome experience. I am going to be heartbroken at the end of the year when I have to say good bye to a 3 year relationship with some the best teachers I have had.

Between the years, we have joked and had so much fun, between staying after school and Geeking out, to staying in a room alone all day working on a video. As teachers, you have opened so many doors for me, especially with technology. My passion is in the technology and digital media field, and you have given me some awesome opportunities with that.

Mr. Hall, thanks for taking me to Thompson Hill and handing me the opportunity to have some experience audio recording with Mike Twombly. That was unforgettable. I can definetly see myself doing that as a carreer. I will never forget, "Geek is a four letter word for a six figure income"!

Mr. Lundstrom, you have been so understanding with my love of technology and have allowed me to incorporate it into almost every assignment and project in my experience at FWA.

Mrs. Koenecke, thanks or alwasys being there for me via text, I have had so any questions, and you have always been there to answer them, sometimes with a smart remark, but its been helpful. It's super funny when you set you're iPhone down and then can't find it, and ours student had me run to find! Oh my...

I can't wait to go to Florida during the last week of April into May. It wil be a super cool experience seeing the alligators up close and to learn more about sea life. It will be cool swimming in the ocean with the GoPro on a students head. The video from that will be neat to see. I cant wait.
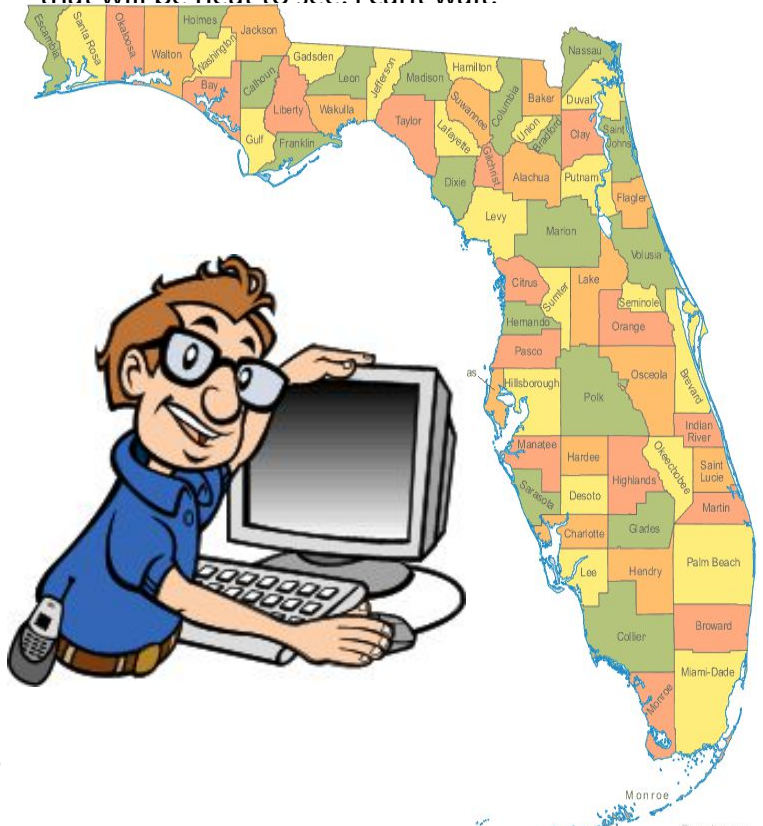
Now that we are past that, if I end up going to Xavier, I will miss you all so much. I hope I wil be allowed to come back once in a while and say hi, or even teach you're new students something about technology. I'm sure I can make time for you guys. If you need me, i'll be there just like you have been there for me all these years.

As for as the rest of the students at FWA, some of you have been nice and some not so much. The friends I have made over the 3 years wil hopefully continue over facebook or some other form of communication. I want to say a special shout out to Marek A, who I was worst enemies when he came to FWA. Now we can talk to eachother without hitting or kicking the other person. Thanks buddy...

So for readers not in FWA, stay continued and make sure to check on the next issue next month, I will see

Google Apps

BY CHRISTOPHER LAMERS

Google can be used for a lot of things; editing documents, reading and sending emails, looking for images, and much more. Google Apps can be implemented into lots of classroom curriculums. It's just a matter of knowing how. Pay attention to this article and you will know how it's done.

Teachers all across the states are trying to 21st century technology to the classrooms for student use and learning. The majority of students can find a positive learning experience in the use of technology in the classroom. Until a couple of years ago, it has been difficult for students to collaborate and work together on computer assignments. Now it is all possible with implementing Google Apps into the hands of students all over.

Gmail is a convenient email service that is secured and easy for students to share files and communicate about homework and studies on a daily basis. At FWA in Hortonville, WI the students and staff use Gmail to share documents and to keep up to date with the latest assignments and school information.

Google Drive is the unofficial online version of Microsoft Office. It comes with somewhat dumbed down versions of Microsoft PowerPoint, Word, and Excel. It does not contain a form of Publisher but if you are crafty enough, you can just use the PowerPoint alternative of Word on Google Docs. It works pretty well. I love using Google Drive to collaborate with my article writers when they are in the writing process to make sure they are on the right track or if there are any changes I want made.

USED GOOGLE DOCS
HAVE ACCESS FROM ANYWHERE, ANYTIME
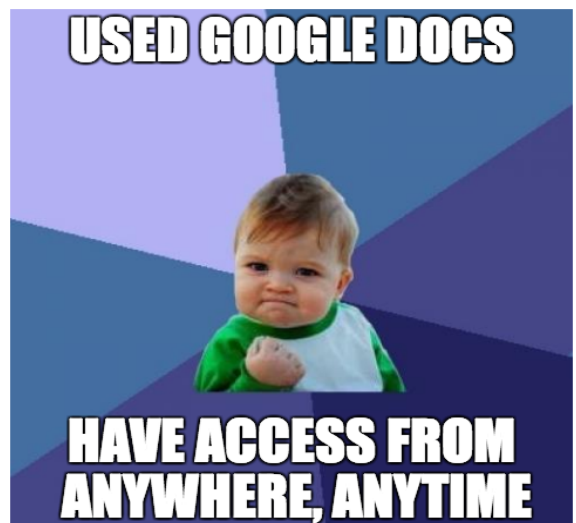
Google Presentation is the online form of PowerPoint. It is used to create presentations and slide shows. Students and Teacher can collaborate and create presentations to complete and show what they have learned from a project or activity. They can add images and text to explain a science process or a reading book talk.

Google Doc is the online form of Word. It can be used for many things like writing stories, articles, letters, and many more publications. It is very useful for students working on homework. The teacher can create templates that the students can later fill in like a form either on their own or in a small group. It's very effective.

Google Sheets is the online version of Excel and it used for creating tables and spreadsheets of processes or other forms of information. You can keep track of fundraisers and activities. Teachers can even keep track of which Laptop / iPad / PC that each student may use in the classroom. Teachers can also create a seating chart on Google Sheets.

Google also has a form creator. It can be used to survey students and peers about a certain project or activity. They can find out attendance for extra curricular activities and so much more. It's quite simple.

The best part about Google

Apps is not only that students can work together at the same time on documents, presentations, and sheets, but also that the files can be accessible from any internet connected device. It is a no brainer, if needed files on Google Drive can be downloaded, viewed, and edited in the true Microsoft Suite.
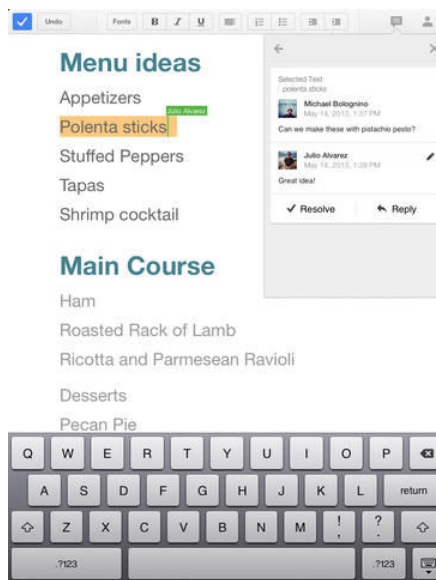
Many students will use Google Translate to learn some vital Spanish words for Spanish class homework. Google translate can be used to convert any language into another. Sometimes when we find information on a topic online, it is in another language. We can easily translate it to be readable in any language we choose.

In a technology-based school, Google Apps is a vital resource. No questions asked. If you are the teacher of a technology-based school, get your students using this resource right away.

Top User
-Buster O'Riely

I love Google Apps for school!

Better than MS Office
I can now have an easier to use MS Office and I can access the files from any computer, even on my iPad.

Note 10.1 VS iPad Air

BY CHRISTOPHER LAMERS

For a while now Samsung and Apple have been battling with their products and software. Apple just released the new iPad Air and Samsung the Galaxy Note 10.1 2014 edition. They are both good for different things; it depends on what your use for a tablet is. If you are using it for business and taking notes, the Galaxy Note is the way to go, but if you are purely gaming and browsing the Internet, iPad is the way to go for you. Here's how the two tablets stack up.

The Samsung Galaxy Note 10.1 2014 edition is very awesome. It has a built-in S Pen stylus that is pressure sensitive when using the specialty made S Note app that allows you to create different forms of notes and documents.

From virtual notebooks to meeting note forms that can be filled in. It comes exclusive with a bunch of clip art pencil drawing that can be easily inserted. I love the S Pen because I'm constantly making notes when meeting with article writers. It is important to make notes and be able to write them quickly, but also be legible.

That can be hard sometimes.

The S Note app has been made to recognize your handwriting and changes you cursive to text. It can even recognize mathematical equations. It comes preinstalled with Polaris Office, which is just like Microsoft Office just without Microsoft Office Publisher. The S Pen is very useful when editing documents and pictures.
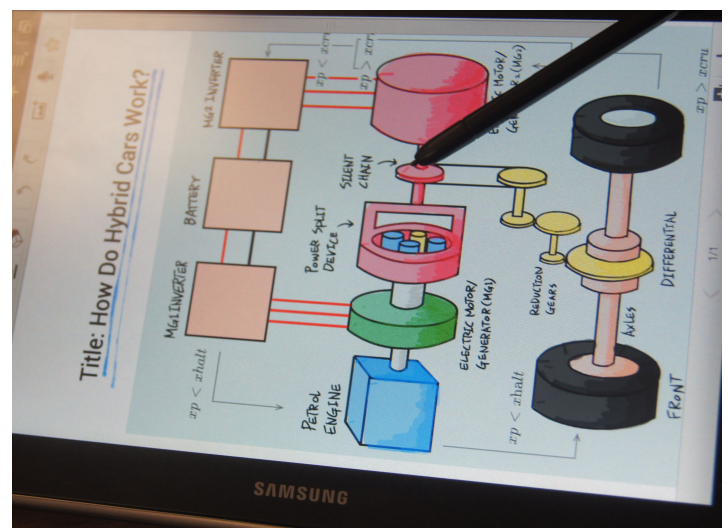
The device also comes preinstalled with the mobile version of Photoshop. It can do quite a bit for the mobile version. There are special drawing apps that can allow you to create beautiful paintings and drawings virtually.

The Apple iPad Air on the other hand has some great features too. You can easily switch between apps with just a swipe to the side. The biggest derp that Apple did was making the connection for charging a very special cord. The only way to get another one is to buy one from Apple, which will put a nice dent in that wallet of yours. The iPad doesn't come with many preinstalled apps. Part of the problem with an iPad, is that you cant add storage to it. There is no spot for a Micro SD card.

There are only two ways to get more storage space, get a bigger iPad or use cloud storage. If you use cloud storage, the apps and files that you store there, you can only access when connected to the Internet. So you are restricted to places with Wi-Fi. Depending on where you are using the iPad, it may or may not be a problem.

As far as which device is better, it depends on what you are looking for in a tablet. The iPad might be thinner, but the Note 10.1 S Pen. The Note 10.1 may have an IR blaster for remote control functions, but the iPad is much lighter and a little bit cheaper. In my opinion, I would choose the Note 10.1 any day over the iPad, but that my opinion. It's the buyer's choice. Like I said, it depends on what you need or want in a tablet. Below is a full device comparison.

Top 2
right now

Which is the best?

Brand	Samsung	Apple
OS	Android 4.3 Jelly Bean	iOS 7
Flash Memory	16 GB	16 GB
Processor	1.9 GHz	A4
Ram	3 GB	1 GB
Hard Drive	16 GB & 32 GB	16 GB & 32 GB
Height	6.8 inches	9.4 inches
Length	9.6 inches	6.6 inches
Thickness	.3 inches	.29 inches
Weight	1.2 pounds	1 pound
Expandable Storage	Yes	No
Free Content	Yes	No
Hardware Platform	PC	Mac
Rear Camera	8 MP	5 MP
Colors	Black & White	Black & White
Brand	Samsung	Apple

iPad
I like my iPad for gaming and brownsing the Internet. It is hard to edit documents though. Good for music.
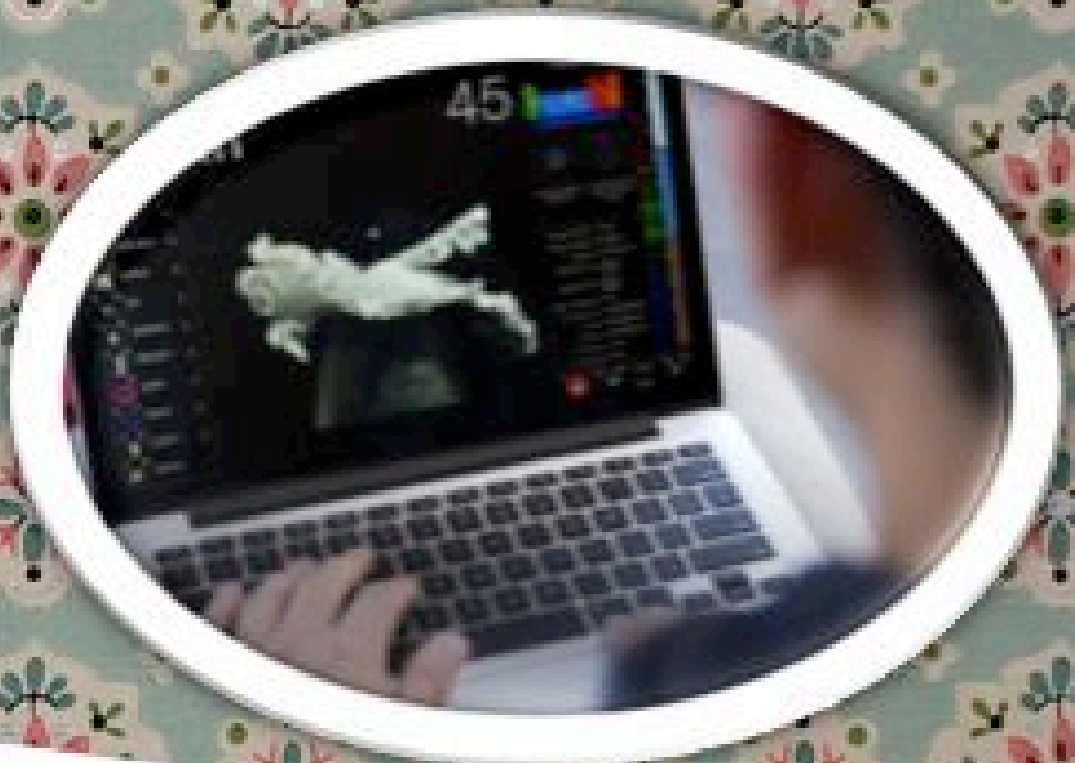
Note 10.1
Amazing hand writing recognition for editing documents. Even mark up PDF's with notes and fixes.
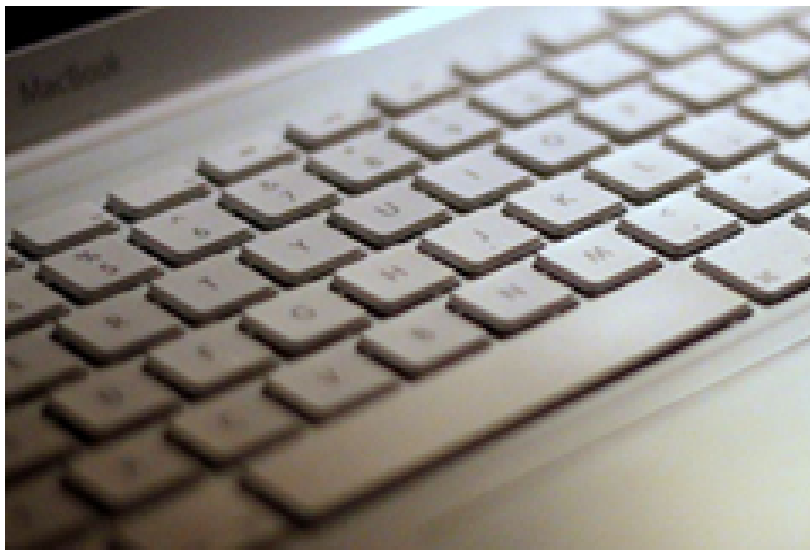
Please visit

www.TechinSchools.com/photosubmit

to submit you picture of students using technology
in your school today!

Foldable Keyboard

You can buy this foldable keyboard for only

$24.99

It folds up to the size of a wallet!

Call 1(920)555-9371 to order. You must be 18 years or older to call. Shipping and handling is $2.99.