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iTip Ohio Google Session -Crafting Free Websites with Google Sites

by GIBSONF on FEBRUARY 13, 2012 · LEAVE A COMMENT

Why do we need a site? 4 Cs

Communication, Collaboration, Creativity, Critical Thinking

Sites has the potential to focus on these skills.

This session gave me hands on training to begin creating a Design Department website using Google sites. It was in depth and gave me time to plan and experiment with layout, page editing, adding new pages, formats, inserting pictures, graphics, understanding control panels and share features.

Kids Teaching Kids

by JESSICA BURLEW on FEBRUARY 13, 2012 · LEAVE A COMMENT

Kids teaching kids with student created lessons

This teacher gives students a pretest. The ones who excel create a lesson with their own slides to teach the lesson to the class. What a great idea why haven't I thought about that! This teacher says he doesn't learn to use the tools he gives it to his kids and says learn this and teach it tomorrow. I would love to do this during my guided math or center math time for my students who are ready. He uses mimeo products. For classroom management reasons he started with the "leaders" to teach first. I loved his ideas of interactive classrooms. I agree that the "teacher in the front" doesn't really work anymore. I would say only 20% of my day is whole group. I will say this takes a lot more planning time though. I wish I had smart notebook on my student laptops so the kids could create lessons. I love organized chaos in the classroom. Students pick the way they want to present. They can create a lesson at home or recess, during centers, etc. This teacher took a large white board and put it on a lazy Susan Simple thing to do next year. Capture markers connect to wireless and saved to file. Do we have any mimeo products in Oak Hills? These markers sound pretty neat!!! Great teacher 😃

Flipped Classroom

by MANDY on FEBRUARY 13, 2012 · LEAVE A COMMENT

Flipping a classroom is possible because it must be a paradigm shift- a purposeful shift in our definition of homework. Giving students information (constructing the information through technology) at home, then allowing students to apply their knowledge through activities in the classroom.

What do you do to hold them accountable for watching the videos at home? She has a Google form where students must state they watched the video- probably a question to gauge if they've watched it or not.
She posts her videos to Moodle- anywhere works though.

Varieties of Flip teaching:

- Inquiry-Flip-Apply (see if they can figure it out on their own, then they watch a video to know how it works, then back in class they apply their new knowledge); worksheet to do at home while watching, bring back to class to check and use in new activity.
- Traditional Reverse Teaching- lecture at home, homework at school…. heard this before. Can create your own lecture, but she uses many other people's lectures. Really? O my, I must know the best way to do this! She has even given students a broad topic to learn (what happens when you add ____ to water) and she gives them some resources via Moodle, but says they can find out however they want (even through Grandpa). They come to class accountable for the knowledge.
- Mastery Teaching- teacher is more of a coach. Teacher's job is to pre-plan plan plan, literally EVERYTHING; then the teacher simply monitors student progress in class and acts more as a coach.
- Pre-Loading Knowledge

Using Homework to Construct Learning (with Moodle)
1. Videos
2. Livescribe pen (flippingyourclass.com- giving away a Livescribe pen)
3. Forums- homework assignments to discuss a topic over the weekend
4. Wikis- uses as a place for notes and group projects…. I need to get on the band wagon for this.
5. Simulation- embeds various simulations into moodle

How to Flip:

- Flip slowly and Flip with purpose (Backwards design)- like curriculum review (no where around it), when it's all said and done what do they need to know and how are they going to learn this (what pieces am I going to use), then how do I know they've learned it
- Don't start just throwing videos at them- construct knowledge!

Obstacles
1. My ego- realizing that that you are not (what I call not the "Beholder of All Knowledge") the only person who knows your content- your students could probably go find out about everything that is your content area and do so quickly.
2. Making the paradigm shift- the old way of learning, the way most of us have learned in school, can not be the focus. It has to be a complete change in mind set, not just an alternative of the old way.

Good quote- "I got into teaching so that I could be significant (not just successful) in the lives of my students."
Good analogy- teaching is kind of like driving around in a culdesac, doing the same thing (round and round) gets mundane. This breaks the monotony- makes her feel like she's entering the building with

some purpose.

John Bergman gives his students who do not have computer access a DVD of the lecture notes for a certain amount of time- unit, quarter, semester, etc. WOW... that's some some organization and use of resources.

She uses screencast and a livescribe pen- then embeds everything in Moodle.

Bringing Textbooks into the 21st Century

by MISTER V on FEBRUARY 13, 2012 · LEAVE A COMMENT

Pre-post confession – wanted to attend this session and see how it relates to my session tomorrow.

Uh-oh...the folks using iPads (like – 50% of the audience) are peeved at the fact that textbook companies are using flash. Rough start. iPads are, like, 22nd century learning.

Also, the projector stopped working.

Nevermind. Presentation is a bust. Time to go!

Nevermind #2, new projector! Thank you!

Main Point: There's a lot of textbook resources already out there.

Extreme Moodling –Lisa Johnson-Bowers

by GIBSONF on FEBRUARY 13, 2012 · LEAVE A COMMENT

Online platforms to provide homework assignments that give the students what they want and need. Use/Apply. Create interaction and construct knowledge so that the classroom time can be used for activities that help the students to APPLY knowledge.
Backwards Design -best way to create this?
Tools-
Glossary: If it can be listed it can be a glossary.
Add videos that demonstrate or an image
-favorite websites
-student created test bank
-chapter terms
—use the random glossary block to add another dimension

Wiki -only one person could edit at the same time.
Create a Wiki. A wiki is the ultimate for constructing knowledge.
-class notes
-character education profiles
-development of classroom rules
-leadership skills
Forums: make them think and give feedback (real answers) outside of the classroom /weekend discussions / homework help line
It allows the quiet student to find their voice and gain respect.
Use technology with a purpose! Use Online Interaction to add more value to your course.
What's in it for you?

A sure way to interaction with your students
She shared websites:
Idea stream.org (WVIZ)
Extrememoodling.com
Live scribe pen -creates pen cast for students!

This session taught me a new perspective on Moodling. It is a way to attract students to do homework in a format that is more suitable for them. She has her high school students help her create her Moodle site giving them ownership.

ipad for the classroom

by JESSICA BURLEW on FEBRUARY 13, 2012 · LEAVE A COMMENT

Uses for Ipad

Camera: We use this daily in our classroom. On Friday my students were required to take a picture of each type of angle in the classroom

Ereader: in our book clubs after school we are only using electronic
versions of books the kids enjoyed that they could make the words bigger but there were complaints as well that as they tried to follow with their finger the page would change. They also had trouble with the "page numbers" they always wanted to know what page we were on but on kindle when the words are different sizes you get different page numbers.

Hdmi apple tv and projectors: students are able to wirelessly show their iPad on the screen. This would be ideal for sharing in my classroom. It is so frustrating to hook the iPad up to the smart board each time.

Imovie: we are using this as well. We made eulogies for our tadpole who passed away RIP big headbuddy. The kids had to create a movie on his life cycle and the parts he got to enjoy and the stage he's missed out on these were hilarious. I will share the link. Only complaint was that it did not easily get loaded to Facebook to shared with parents it also could not be emailed. I had to load it to a you tube page. (thanks Eric) but I'm worried about security etc.

QR: something I would like to do more of. Our art teacher does this and she is really good at it. I wanted Mr. Hunt to get us t-shirts for Xmas with a QR code that linked you to our school song "don't stop believing" Google qr code creator. Something I will be looking into these 2 days.

Garageband: For the music teachers. Will share with Chelsey Kurtz kids can create tracks with different instruments.

Keynote: Our end of the year annimal presentations will be done on this instead of PowerPoint this year. We might also do an iMovie instead.

Qwiki: would be amazing for my kids who struggle with reading gives them more power of creation that constantly having me by their side. Kids can search a subject and it will read the info to them and show video andpictures.

Google search app: voice search for anything again great for my struggleing readers.

Google Earth: we use this all the time in our classroom. We were looking for the abominable snowman so we went to the hymalayans.

I Was hoping to learn some new things. We are using almost all of the items he has talked about. I guess that is a good thing that Oak Hills is a tech rock star school district. I always feel privileged to

have access to a the things we have.

Developing a Collaborative Learning Experience for the Gifted –Michelle Gerbrick

by GIBSONF on FEBRUARY 13, 2012 · LEAVE A COMMENT

What makes a good game? Graphics, sound, order of operations...

Teaching Communication and problem solving through game design using Scratch.

Independent learning to understand how to use scratch through online resources (screen casts).

Edmodo-looks like face book (digital footprints) understand it/teach it

Students continue learning at school and at home. They had someone sick for weeks and another student in India where team learning did not stop.

Blogger -piece for self-reflection Writing! Learn how to comment. Constructive feedback is something that needs to be taught. 16 blog accounts use Google reader RSS feeds to give them access to each other and to organize blogging.

Screencast-O-Matic Students learned to post a screen cast to teach each other / get their own thoughts out there / for the world! This is hugely powerful!

Learn from the Pros: What games do students know / like?

Where is My Water? Alligator in the sewer (physics based game) School connected with the creators.

Artist – talked about how it was created in collaboration with a group. They worked for 8 months. They used posted notes, daily feedback, timers. School skyped with the designers to better understand this collaborative effort. The goal for these students were to work in teams to create a game that help another 5th grade student that they could practice online.

keynote speaker

by GIBSONF on FEBRUARY 13, 2012 · LEAVE A COMMENT

Monday morning I sat in on the Keynote speaker-Michio Kaku at the eTech conference. Here value is placed on digital learning (giving students both tools and experiences) to succeed in the future.

He talked about the future. Prediction is hard to do but Physicist created and invented what we have today. Through humor he introduced how the future is going to be. You can never replace the role model (teacher, counselor).

Education has not changed much. There is a revolution (Moore's Law). No one talks about Electricity anymore. Computer power will be everywhere. The cost will be pennies. New technologies, glasses that talk to you. Children will demand that the Internet be everywhere. Video games are demanding

the Internet. Huge market! Military is already using this technology. Augmented Reality -When unlimited virtual information is imposed on reality. This technology is being created.

Talk to watches, cell phones, flexible intelligent screens (future of paper). Future of wall paper – robo doctors, lawyers,....

Pictures will move, cave -360degree screen. Intelligent toys.

Classroom of the future will be driven by the Internet. Both male and female it is opened to the world. touching people. Learning in the cave is expensive now but soon in your living room. Put you in the middle of learning. No more PCs. Software follows you in the cloud. Everywhere and nowhere.

3d television without glasses. The screen is built to create the effect. Glass will be intelligent. Future of entertainment.

Cars will drive themselves. GPS will control the car. Google is spending millions on this car and in eight years hopes to market one. Safer than a human car.

Medicine and biology -how small can you make a computer? Artificial intelligence robo-doc. Pill with a tv camera. Future of cancer research will be nano-particles the size of molecules. Diagnosis of cancer (in your Bathroom) can find rumors before they form through DNA. The tri orders -able to instantly scan the body. Miniature MRI Machines as small as briefcase. Soon your cell phone can do this.

Brain-computer chip in the brain that can now make paralyzed people able to communicate. Avatar like the movie, the human mind can control a robot. This is happening. Robots can go to the moon and be controlled by people for less money. Mentally talk to computers.

Personal genomics -read your genes. The human body shop can create an ear, bone, organs. We can grow cartilage from our own cells. No rejection mechanism.

Discovery Channel video-life saving breakthroughs The Body. Is this really the future? Inventions will revolutionize even medicine.

I will be left behind, phase two this is useful and stage three I have thought of this all along. People are afraid of changing technology. I will never be replaced by a robot. Japan builds the most robots. How smart are they? Not smart -why? Robots cannot mimic humans. Key link in the classroom is the teacher.

IPads in Union E

by KOLDEJ on FEBRUARY 13, 2012 · LEAVE A COMMENT

Learning a bunch of new apps for iPad use in the classroom!

Reflection on keynote:

by MISTER V on FEBRUARY 13, 2012 · LEAVE A COMMENT

Yay! We're talking about the future.

Michio Kaku wrote the physics of the future. He has street cred. He also is using good teaching tools...stories. His point is to give a guided tour of the future and how it relates to education.

Opening point (wisely), you'll never replace the mentor, the guide, the wisdom of a teacher.

Michio knew how to do a science experience. For Christmas, he created a really big magnet. With interesting results.

Education hasn't changed much. But know it is facing moores law. It will change things.

Prediction1

Glasses that extend the Internet to your constant vision. Side prediction: contact lenses with Internet.

Fundamentally we're talking about augmented reality and its huge implications.

Pred 2: Augmented reality

Internet will be everywhere.

Side note – but I'm not sure we really understand what it means to have effortless information. This is huge for education. It's not that we won't have questions still, but seeking answers gets easier. And arguably, the questions shift (better questions?).

Prediction 3: the cave

Augmented Reality on steroids. No glasses required. Virtual worlds in a box.

Question: not sure on this one. Seems like it would be easier with the contacts.

prediction 4: cars drive themselves

I want this.

This is safer than humans because it can not be distracted by texting, alcohol, etc (and there is only a small chance it will become the terminator).

5: smart pills

Chips in pills. Molecular nano particles that target tumors. DNA chips.

6: brain computer interface

Chips on the brain. Especially for brain injury.

7: medicine

Gene reading. Possibly used to recreate organs. This has been done with ears. We can grow bone...and other organs from our own cells. No rejection.

side note

Are people buying this? Not sure it helps to have discovery movie that paints a picture of big brother. Sorta corny too.

and the question

> *Will I be replaced by a robot?.*

At which point he gives a disingenuous answer by defining robots as human like robots. If you worked at an auto plant in the past decade, you were replaced by a robot.

In my opinion, the question then becomes what does society do? What do we as educators? The tools are changing fast...and we need to know tools.

Is he saying that teaching will become more mentoring? More counseling? More..I don't know...life coach because the tech can do the teaching?

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