Public Relations & Communication

Instructional Practice Subcommittee (BLDT)
How did we get to blended learning?

- Increased use of technology by teachers and students
- Overloaded computer labs, no new textbooks
- iPads bring technology into the classroom
- Haiku, Google Docs

1:1 Technology integration for Tomahawk Students & Teachers: iPads & Chromebooks
What is Blended Learning?

Blended Learning = Flexibility & Choice
Why Blended Learning?

Opportunities Increase

- Digital citizenship & 21st Century skills.
- Differentiate and personalize instruction
- Learn critical thinking, problem solving and decision making
- Foster creativity, innovation and collaboration
Technology is a tool which enhance students' ability to learn and provide flexibility and resources for instruction and learning.
Timeline for Blended Learning

- High School Pilot 2013 / 2014
  - All Middle and High School teachers posting major assignments on Haiku
  - Select High School courses taught via Blended format

- 2014 / 2015 planned expansion of Blended Classrooms based on evaluations
  - All content linked to assignments for grades 6 - 12 posted in Haiku
Best Practice

Instructional Practice Subcommittee (BLDT)
The 21st Century Challenge

Question of the month--
The Language Educator, Feb., 2013, "So you say” section.

21st Century Skills include flexibility and adaptability; initiative and self-direction; social and cross-cultural skills; productivity and accountability; and leadership and responsibility. With these specific life and career skills in mind, what do you do to empower your students to be independent learners?
What opportunities does Blended Learning offer?

I. Differentiation
II. Learning Anywhere, Anytime
III. 21st Century Skills
IV. Real World Connections
I. Differentiated Instruction and Learning

Differentiation:

- provides students with choices based on their interests and abilities.
- offers the opportunity to acquire and present content in unique ways.
- allows for varying means of assessment.
- allows for remediation and gifted instruction.
Personalized Learning - Small Group Collaboration
ePortfolios

What is it?

Students collect their own work, practice reflection and self-evaluation, monitor their own progress, share with interested parties.
Reflection

What did I do well?
- I think that I pronounced words well and understood what I was saying and talking about.

What do I need to work on?
- I should have been standing if it would have helped with pronunciation and if I could redo it I would have tried to memorize it more and have better eye contact.

What did I learn?
- I learned how much I’ve learned already this year and how much I can speak in the Spanish language! It’s actually very exciting to be able to say full sentences and I love being able to understand what everything means, sometimes it takes me awhile but eventually I put it together and understand.

El tiempo

[Video]
II. Ability to learn anywhere, anytime

In accord with present student lifestyles and their digital habits, capabilities, and preferences, blended learning allows students to learn anywhere, anytime.
What's Brewin'
At home
Blended Learning fosters critical thinking, problem solving, creativity, innovation, and collaboration.
Online Discussion Groups

Discussion

Essential Understanding more...

This discussion is closed and is no longer accepting new posts.

Section Hour 2 View other section

CHEYENNE R LEASURE 3 months ago
I think ending the hunt for Osama Bin Laden has definitely changed the United States. It can give some relief to United States citizens to know that the man behind the attack on 9/11 has been...put to rest. However, I feel that it can also put the United States in fear of what his followers might do to make up for the loss of their leader.

ALICIA MICHELLE KURTH 3 months ago
I agree with you and hopefully nothing will happen to us because we got rid of Osama Bin Laden...

NICOLE M NERVA 3 months ago
I've never really thought about that and what could still happen because of that. However more attacks on the US, whether or not it will be in our lifetime, are bound to happen.

CHEYENNE R LEASURE 3 months ago
in reply to NICOLE M NERVA
I agree, whether we like it or not we want it to happen (Which we dont!) The US is bound to face more attacks, even with the killing of Osama Bin Laden.

REGINALD J SMITH 3 months ago
in reply to CHEYENNE R LEASURE
Responsible use of technology
Collaboration and communication skills
Appreciation of diversity
Authentic communication
Aquí son dos Legos con un iPhone 5. El iPhone 5 es muy innovador.

copyright: surnq
http://www.flickr.com/photos/37235630@N07/
http://www.youtube.com/watch?v=U5X5eV-41Ro

Yo eligio el enlace porque el iPhone 5 es nuevo y impresionante. También el iPhone 5 es muy diferente. La empresa Apple hecho el enlace. Ellos son muy bueno. Yo aprendí
el iPhone 5 tiene muchas cosas nuevas. El iPhone 5 funcion mas rápido que los otros. El iPhone 5 es importante porque es más inteligente y mejor aspecto. El iPhone 5 es
interesante porque tecnologia es siempre interesante.
IV. Real World Connections

Allows us to connect locally, nationally, and internationally to provide authentic experiences from a rural district in an increasingly interrelated global society.
Learn from the experts
Stock Market Challenge
Experiential Learning
Flexible Learning

Differentiation based on needs...
Meeting the Challenge:

Using blended learning and technology to provide opportunities, what will we do to empower students to become 21st century independent learners?
Logistics & Facilities

Instructional Practice Subcommittee (BLDT)
**Why Chromebooks?**

*Mission: We want students to be creators of information, not just consumers of information*

- iPads allow students to consume, watch or read, information with some limits.
  - Flash does not work on ipad
  - iPads lack keyboard which hinders the creation of document
  - Not user friendly in Google Docs
  - Updates and software management is labor intensive

- We need the following:
  - Keyboards
  - Flash and Java if possible
  - Ability to work offline if possible
  - Apps that allow for enrichment and enhancement of learning environment

- Based on our needs and wants we went out and researched what is currently available

*(See attached sheet)*
Pros and Cons

**Pros**
- Small
- Portable
- Affordable: $279
- Battery life: 6.5 hours
- Easy to use: low learning curve (it’s just an internet browser)
- Keyboard
- Flash works
- Instant on/off
- Updates automatically which makes IT management easier

**Cons**
- Durability (damages to screen / casing, cords, drives)
- Limited offline availability
- Unable to use high end programs (Adobe & MS Office)
- Possible connectivity issues
- Insurance/Accountability
Facilities Needed

Limitations/Needs of the High School:

- Electricity in rooms / library / commons / etc....
- Needs for insurance
- Need to update/create/adapt acceptable use policy
- Increased WIFI hotspots
- Extra Chromebooks in the LMC for students who have a dead battery (backup) or technical issue

_Students are changing....faculty and facilities need to change as well..._

- Connectivity means students are no longer a captive audience and need flexible facilities
Needed Facilities to Meet Student Needs

- **How many students?**
  - 50 - 70 already in study hall
  - 3 to 4 sections blended results in additional 75 - 100
  - Need 3 - 4 locations that hold 25 - 30

- **Where do students go during non classroom time?**
  - Can blended class mingle?/Which blended class gets what area?
  - Study Hall students are different than blended collaborating student?
  - A quiet work area
  - A collaboration area where it might be noisier
  - How do we take attendance?

- **Possible supervision**
  - Teacher duties
  - Teacher aides
Training (Students / Faculty)

Who will be in charge of training on hardware?

**Blended Learning Design Team**
- Apps / Extensions within Google Chrome
- Higher level questions
- Hardware (Chromebooks / iPads)
- Google Chrome and Google Docs issues
- Training

**Support Center for students and staff**
- Basic questions about Google Apps and Google Chrome
- Run by students

Who will be in charge of troubleshooting the tech issues?

**IT: Dean Alderton**
Blended Learning Pilot at THS