

Fire Up! Student Teaching Conference at Aquinas College

Session 1: "Using Technology to Turn Student's Interest to Math" Ted Lang, Math Teacher

- He encouraged us to have our school system to invest purchasing sets of i-pad's for classroom use.
 - He uses i-pad's for textbooks and other educational applications.
 - McGraw Hill Algebra
 - McGraw Hill Connect
 - E-textbook
 - The book website contains the lessons, quizzes, and other essential resources to prepare teachers for their lessons and provide students will extra practice and assessments.
 - EduCreations
 - Personal whiteboard for students
 - Screen shot your drawing and place in your PowerPoint or other source.
 - Import photo's and files to draw on them as one problem solves.
 - Draw and Share
 - The i-pad's motivate students to do their homework in and out of class.
- Ted encourages use to use Youtube video's, like Khan Academy and others to engage our students in our lesson.
- Geo-gebra
 - This free software provides both teachers and students a program to draw shapes and prove geometric proofs and creating linear functions.
 - The visuals are great ways to draw lines and demonstrate a lesson.
 - For example, one could check their line for an equation by evaluating other points on the line.
- Stellarium
 - This is a 3D view of Earth and calculates distance to stars.
 - Math Teachers can use the software with a mathematical lens and apply mathematics through a real world example.
- Ted encourages his students to use i-phones or i-pads during his lesson.
- He bought an Apple TV to for extra storage for his i-pad and to run and project anything from his i-pad wireless.
 - This helps him create an interactive whiteboard with the combination with his i-pad.

- This promotes one to create a mobile platform for your lessons and help your project your apps on the computer with the combination of the AV cable for connectivity.
 - The teacher can provide notes, show step-by-step demonstrations on the i-pad and having students participate from their own seats in a variety of interactive activities.
- Ted encouraged use to use social media to communicate with your students and parents, like using twitter.

Session 2: “Everyone Makes Mistakes, Oh Yes They Do!” Terry Stockton, GVSUE Education Professor

- Risk Big
- How can we approach mistakes
 - Learn from them and how can you improve
- Make rules in your classroom to protect yourself and your students.
- Time management
 - Work on how to multi-task during your lesson and make sure the pacing fits the students’ needs.
- “I don’t get it”
 - Rephrase the question, the directions or instructions in student friendly language.
- Read, Write and Risk
- Consider your audience as you plan your lesson
- Do not beat yourself up from your failures.
 - Learn from them
- Continuum of Failure
 - Lack of intelligence
 - No motivation
 - Family history and personal life
 - Do not tell your students how horrible they are
 - Break the stereotype
- Continuum of Success
 - Good student
 - Smart
 - Understand the material
 - School comes easy to them

- Prepare lessons better by engaging your students, but have a clear plan and directions so the students understand what to do.
- Be careful on how you give grades
 - 5 R's of grades
- Think outside of the box and make changes at your school

Session 3: "Teaching in the Digital Age: Get Noticed to Get Hired" Ron Houtman, Education Technology Consultant

- Attend MCALI conference coming this March.
 - Register for it
- Interview Process
 - 100-400 applicants for one teaching job
 - Need to narrow down the search, so you must stick out on paper
 - No errors on resume and application
 - Not the right teaching certification
 - Not the right materials for the application
- Invest time into interview process
 - Write out and practice your interview questions.
 - Research the school and the community.
- How will you stand out?
 - Teach with differentiation instruction
- Aspirations/Change classroom
 - Learn and study wherever, whenever they want to
 - Online tools
 - YouTube
 - Google
 - Expectations for learning
 - Cloud Computers
 - Collaborative platforms
 - Storage
 - Conversation tools
 - Increase collaboration
 - Student projects are structured
 - Work areas
 - Team work
 - Skype and Google Hangouts
 - Mentorship

- Facilitate their learning and guide them to that place
- Blended Learning
 - Online and face/face conversation and content
 - Access outside of the classroom
 - Cross curriculum
 - CCSS
- Shift to Project Based Learning
 - Real world Experience
 - Self-organized projects by students own interest
- Think Practical
- Increase Network and connections
 - Twitter- connect and collaborate with other educators.
 - Follow great educators
- Professional Development
 - Blog
 - Share resources

Session 4: “Tips for Becoming a High Impact First Year Teacher” Dave Staurt Jr. High School Teacher

- Dave talked about how to collaborate and create a blog to connect with other colleagues.
 - Connect and collaborate online
- He also talked about building rapport with your students and how universal design can be a proactive approach.
- Code of conduct
- You need to protect your students and think of possible situations and how you will react.
- Start with something small at your school and make changes in the community
- Learn from videotaping yourself and one can improve their teaching practice.