



Connecting Teachers and Students through Skype

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What is Video Conferencing?

- The use of telecommunication technologies to allow two or more locations to communicate by simultaneous two-way video and audio transmissions.



Standard 2: Mathematics as Communication

In grades 9–12, the mathematics curriculum should include the continued development of language and symbolism to communicate mathematical ideas so that all students can-

Provide opportunities for discussions about issues, people, and the cultural implications of mathematics reinforces student understanding of the connection between mathematics and our society



Why use it?

- Connecting to the outside world
- Peer observation
- Observe lessons in action
- Save on resources



Connecting to the outside world

- Kids are more connected to the world outside their immediate community (Facebook, Twitter, Instagram etc.) – you can't think just locally anymore – kids are in touch with the world outside the school community – they are interested in what's out there – use that to your advantage.



Peer Observations

- Physical boundaries aren't the same as before. You don't have to physically be some place in order to have a presence there. You can observe or provide commentary to a class as a guest speaker. You can have others in your field observe your work who cannot physically be there.



Observe lessons in action

- Have you ever been to a presentation where you loved the lesson that was proposed, but wished you could see it in action?




Save on resources

- Bring in a guest lecturer
- Local college rep
- Virtual Field Trips
- Handling Absences

Components necessary

- Software (Skype, Google+, etc.)
- Web cam
- Computer Mic
- Bandwidth
- Permission??? 😊





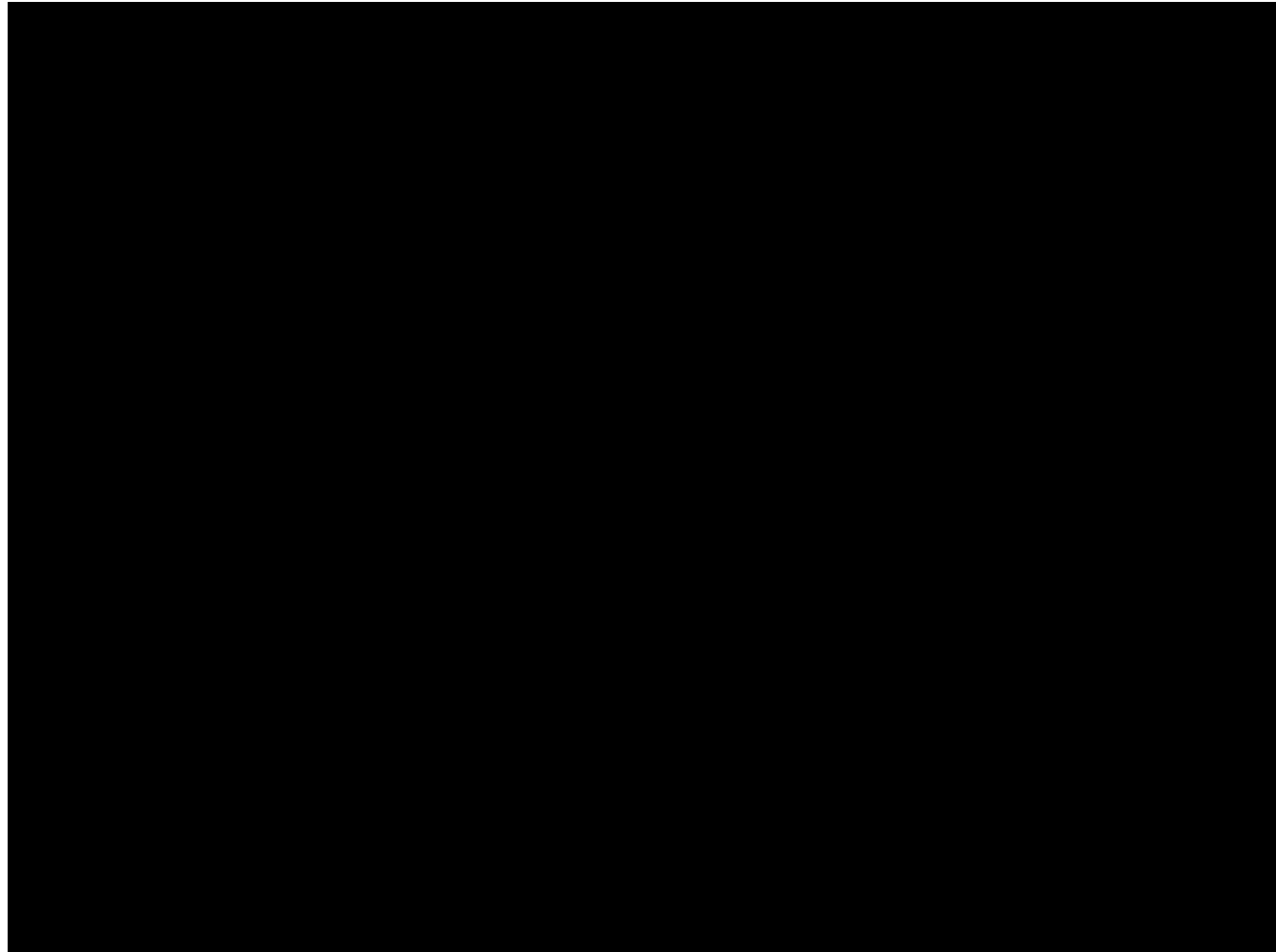
How it works – make the connection

- Coordinate with other teachers
 - Local
 - Conferences
 - AP Readings
- Match similar classes (connecting classes)
- Match single class (observation)

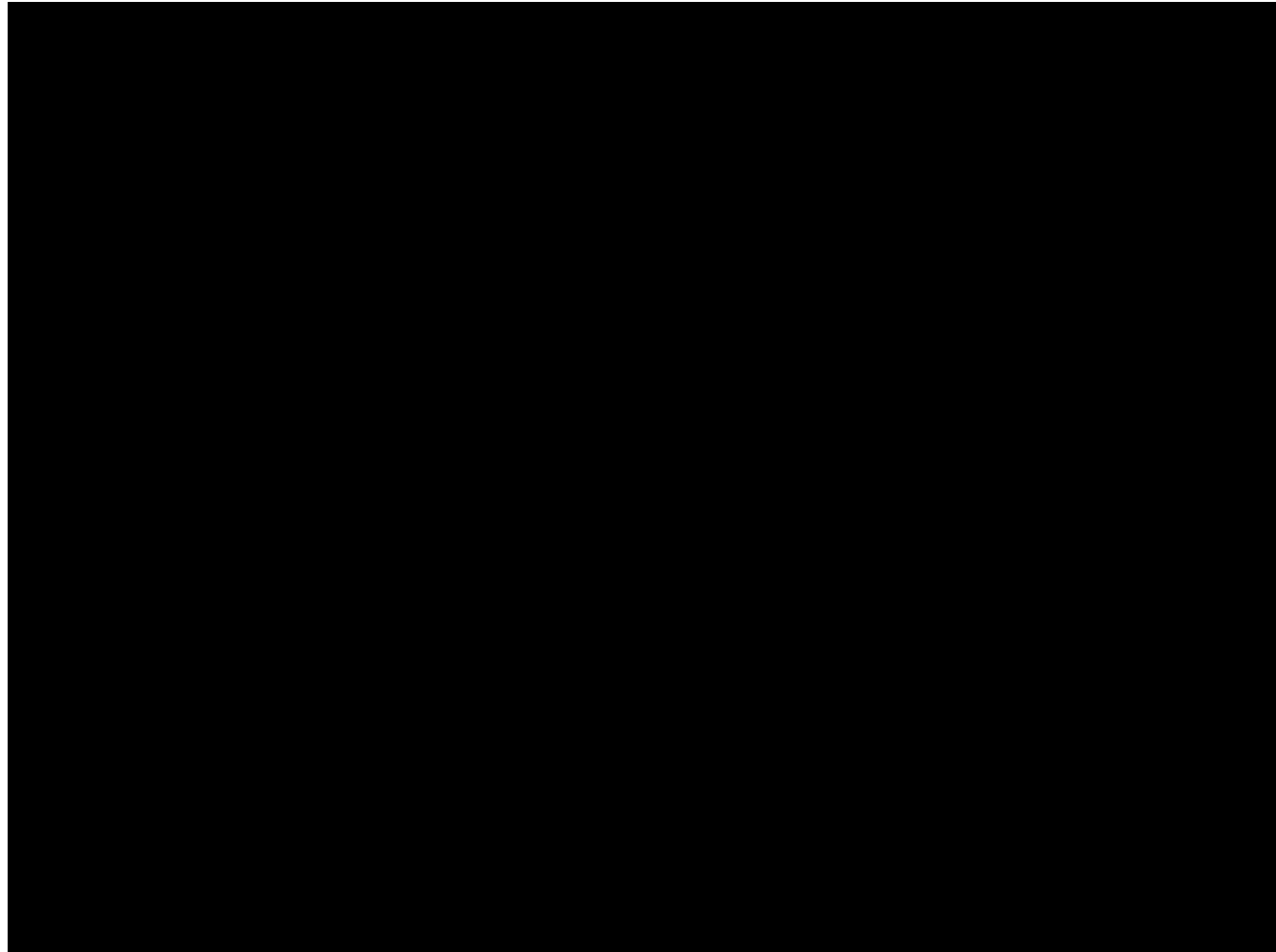
Set up the hardware



Skype Example



Google+ Example



Time to share



Q & A

