

Collaborative Opportunities in the K-20 Realm

November 2010



2010-2011 Collaborative Agenda

- Immigration and Human Movement Project
 - Background
 - Planning and Logistics
 - Lessons Learned
 - Participant Thoughts
 - Future Plans
- Current Projects
 - JaNet and NYSERNet
 - Teaching & Learning Across the Pond
- Future Plans

Immigration and Human Movement

Background

- Project web site:
<http://www.tetnplus.net/immigration/default.aspx>
- Six states: California, Texas, North Dakota, New York, New Jersey and North Carolina
- The United Kingdom
- 41 classes
- Five Expert Presenters

Immigration and Human Movement



Immigration and Human Movement



Immigration and Human Movement Planning

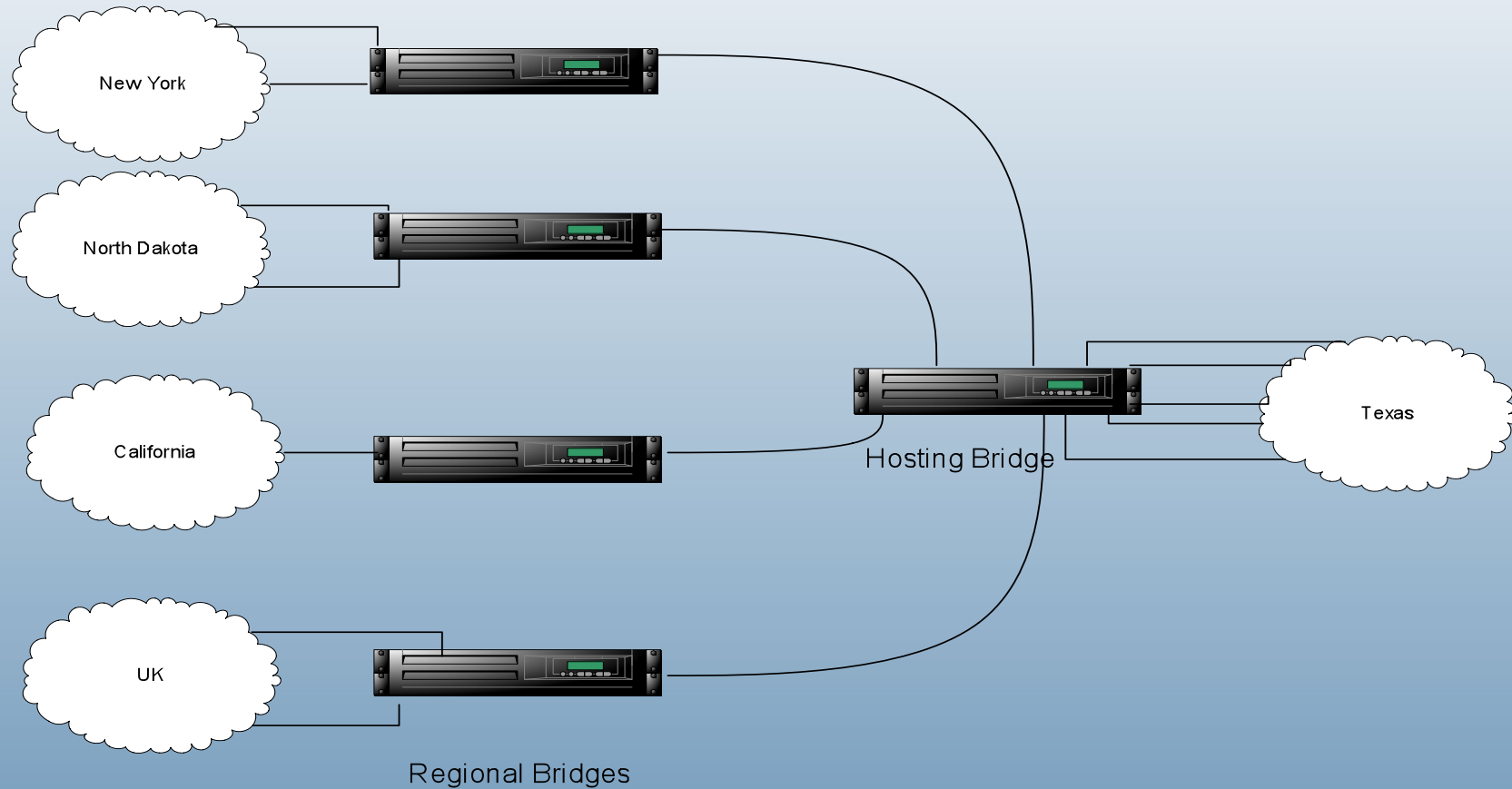
- Project was conceived as a test case for using Internet2 based resources in the classroom.
- Had to be large scale – involving multiple states and hopefully going International.
- Topic had to be timely, global interest, and stimulate discussion.
- Had to be easy to set up and easier to replicate

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Logistics

- Classes and Experts registered on web site
- Registration information collected
- Team collected connectivity information for the participating schools and were responsible for connecting schools to their presentation(s).
- Each presentation was ‘hosted’ on a different Team member’s MCU.
- Other participating regions connected bridge-to-bridge.

Immigration and Human Movement Logistics



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Logistics

- This model:
 - allowed for an even distribution of workload and resource management.
 - eased testing: the local regions had already solved the classroom connection issues to their local bridges.
 - bridge-to-bridge connections were tested, and no problems were encountered.

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Logistics

- Classrooms signed up on the project web site for the events they were interested in, and gathered in an excel spreadsheet accessible over the web site to the team members.
- Team members gathered the information and got the connection information for the participating schools for the event they were participating in.

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Lessons Learned: Programmatic Hurdles

- Outreach to teachers and end-users difficult.
- Limited Participation.
- Video releases needed to record events.
- Overall presentations, while good, stood on their own – no thematic tie between the experts.
- Q&A was sparse. A better idea of the presentation(s) in advance may have seeded some questions.
- Classrooms willing to participate in the expert series, but we were unsuccessful in getting them to create original content.

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Lessons Learned: Logistical Hurdles

- Logistics were not emphasized until late.
- Time Zones restrict availability.
- Despite best efforts, not every expert or every class connected through Internet2.
- Testing schedules had to be accelerated.

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Classroom Participation

Brian Grove is a teacher from Strasburg High School in North Dakota

Brian and his students participated in all five of the expert presentations

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Future Plans

- Fall is a better time to do projects like this...
- Future events need a more unifying theme
- Advanced planning and logistics is a must.
- Communication and Outreach keys to success.
- Looking for volunteers to run the 2011 project and topics.
- Would like more regions involved in the planning and logistics.
- More participation in the US and globally.
- Work closer with schools to get them to develop their own presentations.

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Future Plans

- Ideas for next project:
 - Global Climate Change
 - Alternative Energy Solutions
 - Accepting Cultural Diversity
 - What Does It Mean To Be A Global Citizen
 - Healthier Planet, Healthier People
 - Why Explore the Universe and the Seas
 - Worldwide Science Fair
 - Suggestions. . .!

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Future Plans: Example

- Global Climate Change...
 - Expert series presentations:
 - Greenhouse gases: What are they, how do they affect climate. (Higher Ed professor?)
 - Energy Use: Fossil Fuels, alternative energy, conservation. (DoE?)
 - Tools being used to monitor atmospheric and oceanographic changes (NASA/NOAA?)
 - Effects of climate change on the world – coastlines, food/water resources.

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Future Plans

- Classroom presentations could focus on:
 - Using measurement tools to look at the changes in their locality over the past 50 years.
 - How events like Earth Day, recycling programs, conservation efforts, etc. have changed perceptions about energy use and the environment.

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Future Plans

- Suggested timeline:
 - Dec 1 – March 31:
 - Identify topics,
 - Approach and book speakers,
 - Identify items that match national/local standards.
 - April 1 – June 1:
 - Create web site,
 - Begin out-reach to schools and teachers,
 - Start planning the logistics and identifying technical resources.

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Future Plans

- Suggested timeline:
 - Summer:
 - Finish all planning efforts:
 - Pick the dates for the events,
 - review topic and goals with speakers
 - Verify presentation topics mesh.
 - September:
 - Begin classroom signups for expert presentations
 - Send marketing materials to schools
 - Identify schools that will provide classroom presentations.
 - Late September:
 - Meet with classrooms to make sure they have the resources they need to make presentations.
 - October:
 - Hold expert series presentations and classroom presentations.

Current Collaborative Projects

- JaNet and NYSErNet
- [Teaching & Learning Across The Pond](#)
- [Working with Teachers](#)

The UK and Europe (1)

- The London/Paris link

A formal agreement between London and Paris to promote educational links – several London Boroughs working with specific areas of Paris – videoconferencing managed entirely from the UK using ConferenceMe software hosted by JaNet – seven schools currently connected and exchanging cultural and linguistic experiences

The UK and Europe (2)

- UK schools with Dijon and Montpellier

Two areas of France are fully equipped with H323 hardware and are actively seeking anglophone partners – twenty UK schools currently connected – Montpellier has a twinning portal open to all:

<http://rms.ac-montpellier.fr/visiolangues/>

UK Masterclasses

- Discussions with university lecturers for 17 year-old students

Six sessions per year each on a different topic – pre-session research set by the lecturer – each session lasts 90 minutes with an intro from the lecturer followed by an interactive discussion – limited to six endpoints to ensure real interaction – topics include history, medicine, politics, science, philosophy

UK Distance Learning - A-level Economics

- Specialist tutors
- 100% exam pass rate



UK International Links

- To promote global citizenship
- Community cohesion

Northwood Primary

<http://videocentral.lgfl.org.uk/Watch.aspx?v=Q6OQvt9yTvuWne>



