

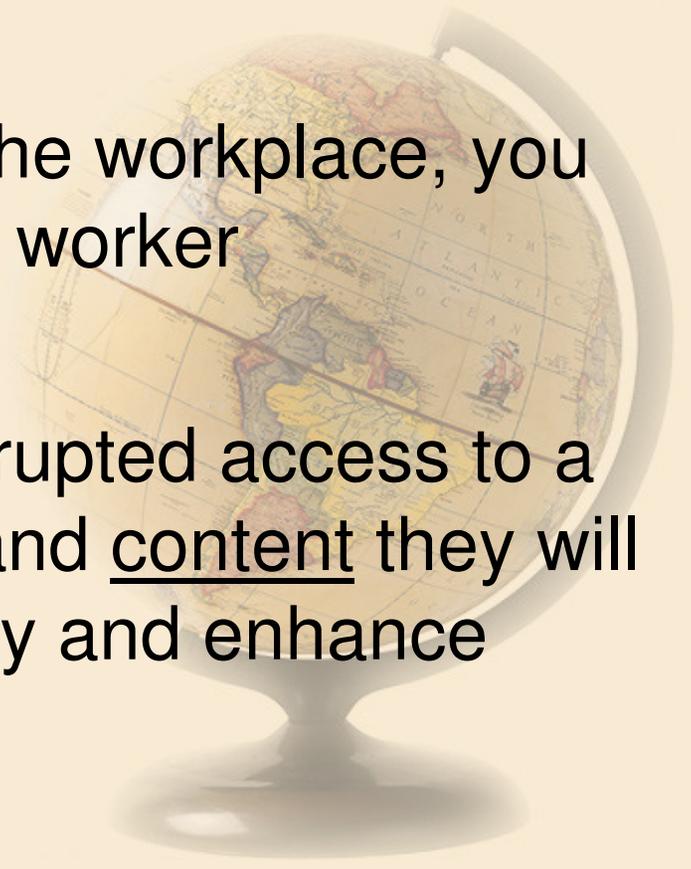
# Technology in Bernards Township

Sean Siet – Supervisor of Social Studies  
Jim Rollo – Technology Manager  
Bernards Township Public Schools



# Core Beliefs – Changing the Nature of Instruction

- Technology can be used to change the way we engage and instruct students
- If you change the nature of the workplace, you will change the nature of the worker
- If teachers are given uninterrupted access to a rich set of technology tools and content they will naturally integrate technology and enhance instruction



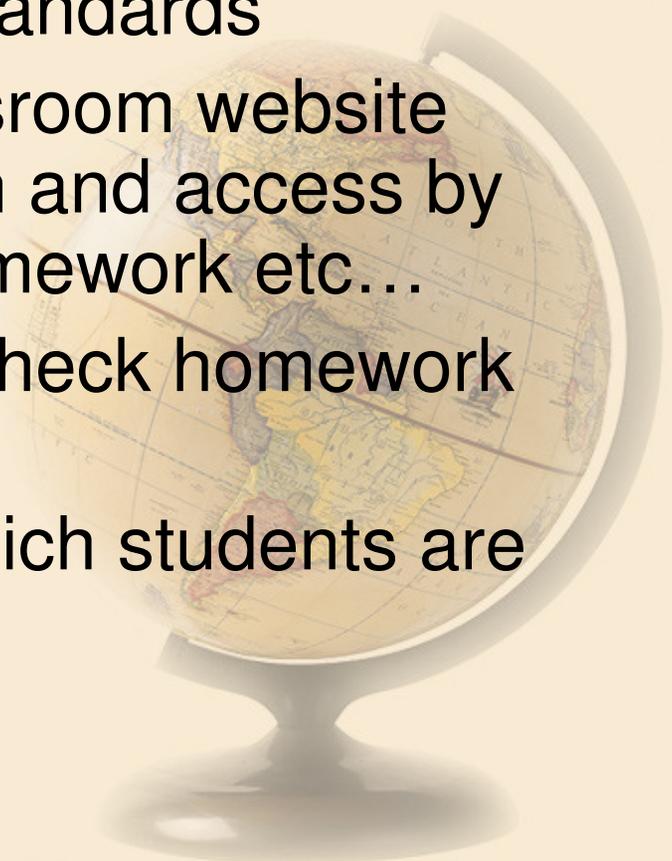
# Rigor, Relevance, and Relationships

- Access to technology allows students to hone relevant skills for the 21<sup>st</sup> century
- Inquiry based models of instruction are enhanced
- Student interest is increased and thus assimilation is more likely
- Relationships (interdisciplinary connections) with other classes and students in other countries are possible



# OnCourse- Web Based Lesson Planning

- Create and update lesson plans based on feedback provided by administrator
- Link lessons to educational standards
- Communicate through a classroom website that's easy to create, maintain and access by parents/students to check homework etc...
- Calendar allows students to check homework assignments daily
- Documents can be posted which students are able to download





- Unspecified
- William Annin Middle
  - Plans Not Posted
  - ART
  - Media&Technology
  - HOME ECONOMICS
  - INDUSTRIAL ARTS
  - LANGUAGE ARTS
  - SCIENCE
  - MUSIC
  - MAP
  - WORLD LANGUAGE
  - PHYSICAL EDUCATION
  - SPECIAL EDUCATION
  - Unspecified
  - SOCIAL STUDIES
    - Applebaum, Karen
    - Baum, Kelly
    - Block, Melanie
    - Ciempola, Paul
    - Corigliano, Christine
    - Demers, Jocelyn
    - Filippini, Lisa
    - Le Cour, Ken
    - Mortensen, Mary
    - Wargo, Susan
  - MATH

Page 1 Weekly View

Take our your Venn Diagram from Friday. Compare with your partner.  
Hand in map.

**Procedure:**  
Activity 1: Class Venn Diagram (6 minutes)  
- Create a class chart using their homework comparing Athens and Sparta  
- Have students come up to the board to fill in chart

Activity 2: Athens vs. Sparta (14 minutes)  
- Look at descriptions of city states  
- Determine whether or not the city belongs to Athens or Sparta  
- Think about different points of view, which city  
- Complete worksheets, discuss as a whole class

Activity 3: 'Essay' -C/C (12 minutes)  
- Write 2 paragraphs comparing and contrasting the two city states  
- Determine which city state was more influential in the course of history  
- Finish for homework

**Debrief:**  
Expectations for writing assignment

**Homework:**  
Finish Short essay  
[Attached to Plans & Homework: athens or sparta essay.doc](#)

What advantages did Great Britain and the United States have at the start of the war?  
- Whole class discussion, class list

**Procedure:**  
Activity 1: Discuss Reading Guide (10 minutes)  
- Go over reading guide (homework) together

<http://www.oncoursystems.com> - Pos...

Administrative Comments

Great!! I am so pleased to see an emphasis on writing. I would encourage you to share this with others.

Close

- Downman, Tara
- Brassil, Jennifer
- Brown, Judy
- Buist, James
- Bullock, Julie
- Caragine, Elise
- Carcich, Jennifer
- Catricala, Marissa
- Centore, Mary
- Chamberlain, Carol
- Chmura-Kaufman, Jennifer
- Ciavola, Aldamarie
- Ciempola, Paul
- Conklin, Cheryl
- Corey, Ralph
- Corigliano, Christine
- Deak, Amy
- Demarrais, Sarah
- Dembeski, Amy
- Demcsak, Jessica
- Demers, Jocelyn
- Demo, Admin
- Dincuff, Eileen
- Dodds, John
- Donahue, Katie
- Dorr, Melanie
- Dyer, Cheryl
- Ehid, Mary
- Fabio, Mark
- Feinsod, Emily
- Feldman, Lisa
- Filinnini, Lisa

### My Calendar

Today | Day | 5 Work Week | 7 Week | 31 Month | 365 Year | Print Calendar

< Previous Month | January, 2007 | Next Month >

Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	Jan 1	2 Homework	3 Homework	4 Homework	5 Homework	6
7	8 Homework	9 Homework	10	11 Homework	12 Homework	13
14	15 Homework	16 Homework	17			

- Fun Social Studies/Learning Haven
- Nation Master

Unit 10: ...  
Unit 11: S...

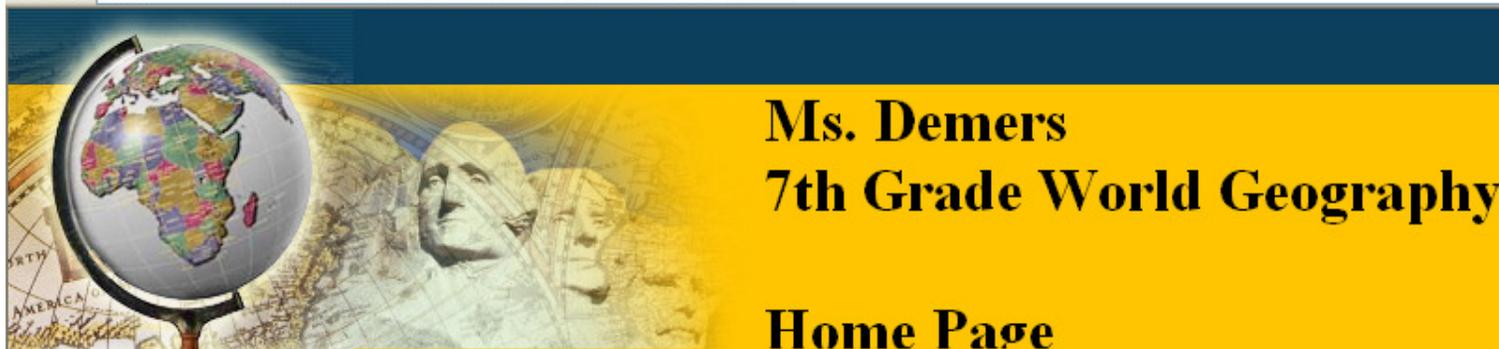
### Homework

TEST FRIDAY 1/19

Write one paragraph answering the following questions: How may European history been different if they utilized positive rather tahn negative approaches to conflict resolution? Would Europe have evolved into the same nations we know it as today?

Study Guide due Wednesday 1/17

Attachment: AGENDA115.doc



- Main Menu
- My Homepage
- Homework & Events
- Moodle
- Google Earth
- National Geographic Home Page
- World CIA Factbook
- Lonely Planet
- Map ID Tests
- Time Zones
- Geography Network
- U.S. Latitude and Longitudes
- Fact Monster
- Fun Social Studies/Learning

## Welcome to 7<sup>th</sup> Grade Geography!

EUROPE MAP PROJECTS DUE 1/10 WEDNESDAY

Be sure to make your Unit 8 Moodle Post by 1/12 FRIDAY!!!

If you are unable to post email me your post [jdemers@bernardsboe.com](mailto:jdemers@bernardsboe.com)

### UNITS OF STUDY

Unit 8: Intro to Europe

Unit 9: Northern and West Central Europe

Unit 10: German History and Holocaust



Welcome to the latest edition of the  
First Grade Family Newsletter

- Main Menu
- My Homepage
- Homework & Events
- Newsletters
- Announcements

### First Grade Parent Newsletter

March 30, 2007

Dear Family,

Once again I enjoyed meeting with all of you last week during conferences. Thank you for your help and support as we prepare for our upcoming performance. I'm sure that by now you know all the poems and songs and everyone's lines. How many pigs in a pen? We are in the middle of stage rehearsals and so; we need to cancel centers and writer's workshop till after the performance. We will start again on April 9<sup>th</sup>. Meanwhile I will be fitting these activities into our schedule at different times. Here are some of the other things we've been working on.

**Reading:** Our goal at this point in the year is to read as many books as possible to offer the children practice, practice, and more practice. We have also been working on long vowel sounds in phonics with a focus on long 'e'. We wrote stories about taking care of the earth, including recycling and reusing objects. Thank you for helping the children learn their spelling words.

**Math:** In Unit 7 we are focusing on geometry. The children have been introduced to 3 dimensional shapes and symmetry. We sorted the items they brought to school into various categories including cylinders,

# NJN Digital Classroom

- Onsite and remote access to digital media
  - United Streaming
  - NJN content
  - Annenberg
- Ability to construct lessons via United Streaming website
- Ability to add district content to NJN server
  - Delivery of Spanish program via server saved \$14,300





# Digital Classroom

Serving New Jersey's teachers and students



NJN Public Television & Radio [www.njn.net](http://www.njn.net)

[Click here to Enter](#)

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- [Home](#)
- [Back](#)
- [Help](#)

Sites - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://videosever/kids/Sites.aspx

Sites unitedstreaming.com - Home

# DIGITAL Classroom



Home  
Back  
Help

Copyright © 1996-2006, NJN Public Television and Radio, all rights reserved.

Done

start

Novell GroupWis... Sites - Mozilla Fir... Microsoft Power...

99%

8:23 AM  
Tuesday  
1/23/2007

Menu Explorer - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://videosever/kids/MenuExplorer.aspx?SiteCode=NJN&NodeName=Menu\_090004b2ff6b4fd5f

Sites unitedstreaming.com - Home Menu Explorer

# DIGITAL Classroom

[NJN \(2.0\)](#)  
[New Jersey History](#)  
[The Lenape Indians](#)

[Home](#)  
[Back](#)  
[Help](#)

**[A Struggle for Land](#)**  
This video shows how the original land purchases made by William Penn and the subsequent manipulation of those purchases made by later generations set the Lenape on a difficult path.

**[Building a House](#)**  
When there are no bricks and metal tools, how do you build a house? This video shows the basic methods of construction that the Lenape employed to make homes. It also examines the time of year that the essential tasks needed to be performed.

**[Interview with Modern Lenape](#)**  
Profiles of Mary and Steve Carty, two modern Lenapes.

**[Lenape Drum Maker](#)**  
A modern Lenape shows how to make a traditional drum.

**[Lenape Basket Making](#)**  
Students and a Lenape woman look at the history of baskets as they make some.

**[Lenape Stone Tools](#)**  
The Lenape did not have metal to make tools. Despite this, they developed a sophisticated technology using tools made from stone and bone. This video shows the process of knapping arrowheads and scrapers from stone.

**[The Quakers](#)**  
There is an historical bond between the Lenape and the Quakers. This was established at the first arrival of the Quakers and their leader, William Penn. This video examines the belief systems and practices held by the "Society of Friends" - both in the past and the present.

Done

start 100% 8:25 AM Tuesday

Hello, Brian: (not you?) My Content | Preferences Home | Teacher Center | Professional Development | Help | Log Out



SEARCH [input] WITHIN All Content [dropdown] GO

Advanced Search



Home > Search Results: Genetics > Full Video Details

Printer Friendly Email a Friend



Full Video Video Segments Citations Related Materials

### Greatest Discoveries with Bill Nye: Genetics (44:39)

This video contains 17 segments.

**Description:**

The Basics of Genes — Explore how genes are transmitted, where they are located, and how they work. Transposons — Examine the work of scientist Barbara McClintock and learn about transposons, the "jumping genes" in all living organisms. Understanding DNA — Explore the structure and functions of DNA. RNA and DNA Manipulation - Learn how RNA works and explore some exciting discoveries that allow us to manipulate and examine DNA. The Future of Genetics — Take a closer look at RNA interference and investigate the future of genetics. © 2005 Discovery Channel School

Grades: 6-8 CC

Play Download

Add to My Content ADD

Rating: ★★★★★ (36 ratings submitted) RATE IT

**Media Settings** Hide/Unhide

**Closed Captioning** ?  
 CC Enable Closed Captioning (Windows Media Player Only)

**Media Type Selection** ?  
 Windows Media

**Player Selection** ?  
 Embed in Web Browser  Stand-Alone Application

Check Requirements | Terms of Use | Support | Contact Us

Done



100%

8:31 AM Tuesday

# Lecture 123 and SnapKast

- Asynchronous instruction using Power Point presentations or digital whiteboard
- Record in-class or out of class content for students to access
- SnapKast – Produce video podcasts via Lecture 123 based interface and publish local or download via iTunes



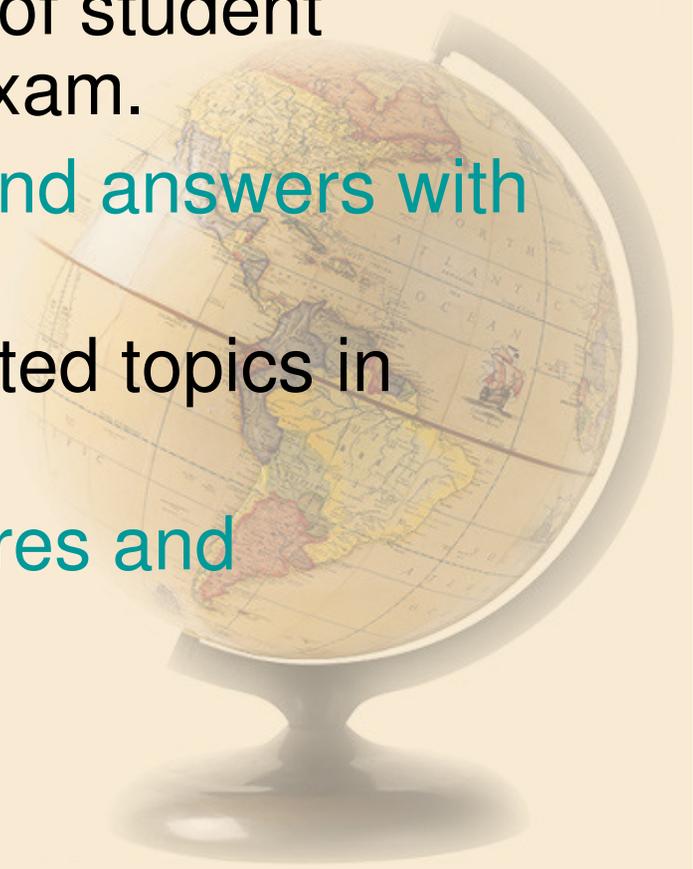
# Features of Lecture123

- ❑ Combine slides, voice, and annotation into an easy to use communication environment
- ❑ Develop your material in PowerPoint – Lecture123 does the rest
- ❑ Integrated whiteboard
- ❑ Immediately available for interactive web-based playback
- ❑ Searchable, reusable repository
- ❑ Student questions asked during playback are answered by your faculty and integrated into the presentation



# Benefits of Lecture 123

- ❑ Students stop taking notes in class and become active learners.
- ❑ Identify and remediate areas of student confusion before giving the exam.
- ❑ Allows sharing of questions and answers with all students at any time
- ❑ Creates time to explore selected topics in more depth with the class
- ❑ Saves valuable in-class lectures and reuse/refine them next year



# Bernards Township use of Lecture123

- Class lectures and student presentations ( Q&A)
- Collaborate with other institutions– Seton Hall University
- Interdisciplinary connections- Forensic Science and Genetics
- Communication with the public



# Introducing..... Moodle!

Moodle is a complete online learning solution, and is distributed for *free* under open source licensing.

## Assignment

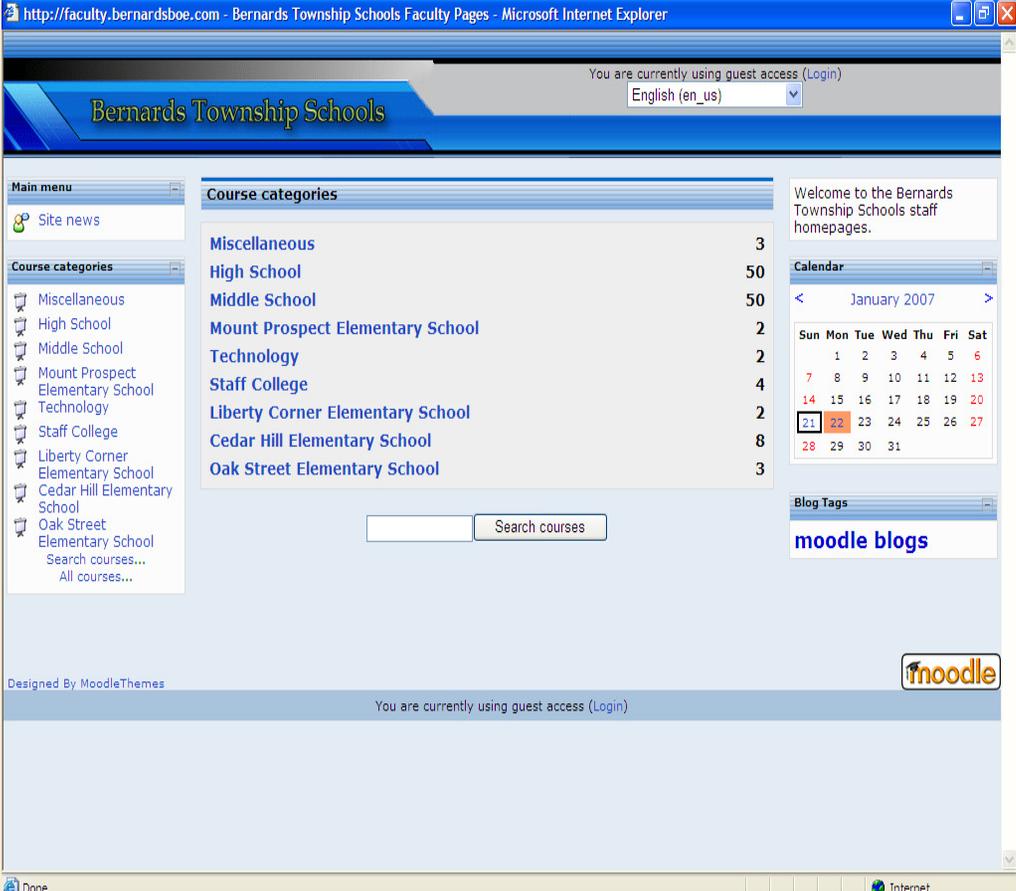
Used to assign online or offline tasks; learners can submit tasks in any file format (e.g. MS Office, PDF, image, a/v etc.).

## Chat

Allows real-time synchronous communication by learners.

## Dialogue

Allows for one-to-one asynchronous message exchange between instructor and learner, or learner to learner.



The screenshot shows a web browser window displaying the Moodle interface for Bernards Township Schools. The browser address bar shows "http://faculty.bernardsboe.com - Bernards Township Schools Faculty Pages - Microsoft Internet Explorer". The page header includes "Bernards Township Schools" and a language dropdown menu set to "English (en\_us)". The main content area is divided into several sections:

- Main menu:** Includes "Site news".
- Course categories:** A list of categories with corresponding counts:
  - Miscellaneous: 3
  - High School: 50
  - Middle School: 50
  - Mount Prospect Elementary School: 2
  - Technology: 2
  - Staff College: 4
  - Liberty Corner Elementary School: 2
  - Cedar Hill Elementary School: 8
  - Oak Street Elementary School: 3
- Welcome message:** "Welcome to the Bernards Township Schools staff homepages."
- Calendar:** A calendar for January 2007, with the 21st and 22nd highlighted.
- Blog Tags:** A section titled "moodle blogs".
- Search:** A search box with the text "Search courses".

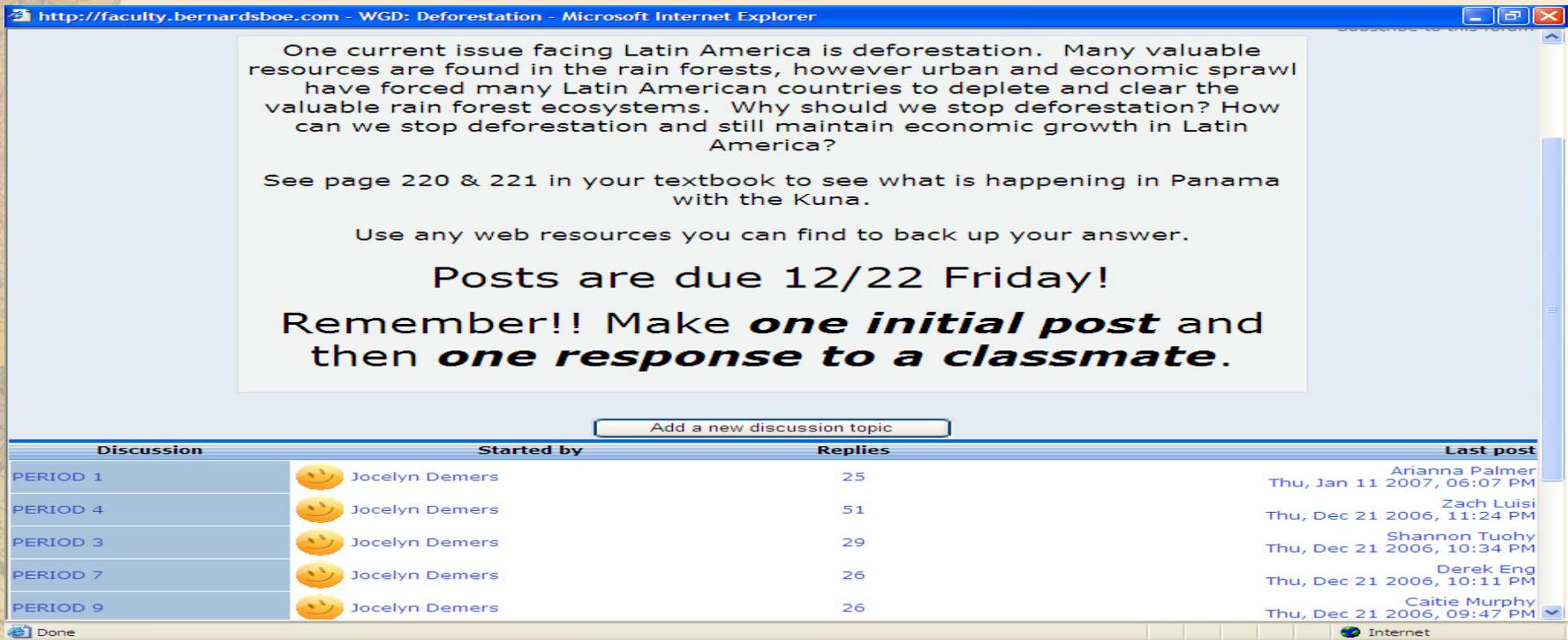
The footer of the page includes "Designed By MoodleThemes" and "You are currently using guest access (.Login)". The browser status bar at the bottom shows "Done" and "Internet".

*Moodle's intuitive interface makes it easy for instructors to create courses. Students require only basic browser skills to begin learning.*

# Course Management Features - Modules

## Forums

Threaded discussion boards for asynchronous group exchange on shared subject matter. Participation in forums can be an integral part of the learning experience, helping students define and evolve their understanding of subject matter.



http://faculty.bernardsboe.com - WGD: Deforestation - Microsoft Internet Explorer

One current issue facing Latin America is deforestation. Many valuable resources are found in the rain forests, however urban and economic sprawl have forced many Latin American countries to deplete and clear the valuable rain forest ecosystems. Why should we stop deforestation? How can we stop deforestation and still maintain economic growth in Latin America?

See page 220 & 221 in your textbook to see what is happening in Panama with the Kuna.

Use any web resources you can find to back up your answer.

**Posts are due 12/22 Friday!**

**Remember!! Make *one initial post* and then *one response to a classmate*.**

Add a new discussion topic

Discussion	Started by	Replies	Last post
PERIOD 1	 Jocelyn Demers	25	Arianna Palmer Thu, Jan 11 2007, 06:07 PM
PERIOD 4	 Jocelyn Demers	51	Zach Luisi Thu, Dec 21 2006, 11:24 PM
PERIOD 3	 Jocelyn Demers	29	Shannon Tuohy Thu, Dec 21 2006, 10:34 PM
PERIOD 7	 Jocelyn Demers	26	Derek Eng Thu, Dec 21 2006, 10:11 PM
PERIOD 9	 Jocelyn Demers	26	Caitie Murphy Thu, Dec 21 2006, 09:47 PM

Done Internet

*Students can Rate a forum post, based on Scales set up by the course creator*

# Threaded Discussion

http://faculty.bernardsboe.com - WGD: PERIOD 4 - Microsoft Internet Explorer



## PERIOD 4

by Jocelyn Demers - Monday, December 18 2006, 07:52 AM

POST HERE IF YOU ARE IN PERIOD 4

[Reply](#)



## Re: PERIOD 4

by Monday, December 18 2006, 04:04 PM

We can stop deforestation in many ways. One way we can stop deforestation is that er can recycle and not throw stuff in the garbage that we should recycle. We can also use not as much paper. Those are some ways we can stop deforestation.

[Show parent](#) | [Reply](#)



## Re: PERIOD 4

by Monday, December 18 2006, 04:15 PM

One issue that really impacts Latin America's enviornment is DEFORESTATION. This is a problem in Brazil, Panama, and many other countries that have rainforests. One reason that deforestation happens is that when farmers move out from their family's dwelling, they do something called slash and burn farming, which is where they cut down trees and burn trees to clear land. Also, we get much of our paper from the rainforests. If we didn't use paper, then deforestation might not be as bad. Trees are also used for medicine. One reason we have to fix deforestation is because we are destroying many species of plants and animals. Also, trees take in CO2 and let out oxygen. Without enough trees, then we may lose the ability to breathe clean air. Some ways that we can stop deforestation is create severe penalties for anyone caught burning or cutting down rainforest trees. We could keep a radar of anything within 50 miles of the rainforests. It would be expensive, but it would be worth it. Another way we can stop deforestation is by not using so much paper. Instead of just continually cutting down trees, we could only have paper produced every six months or so. If we ran out of paper, it would force people to recycle. If we had to cut or burn trees, we could at leas replant trees where those stood.

[Show parent](#) | [Reply](#)



## Re: PERIOD 4

by Monday, December 18 2006, 05:25 PM

i think u make a good suggestion when if anyone is caught beuning or cutting down a tree they should have severe penalties. Also your right how trees take is co2 and let out oxygen and if poeple just keep cutting down the trees for paper and things we could loose breathing. in conclusion i think u made very good suggestions and very strong points

[Show parent](#) | [Reply](#)



## Re: PERIOD 4

by Monday, December 18 2006, 07:46 PM



Internet

# Course Repository

http://faculty.bernardsboe.com - faculty: Middle School - Microsoft Internet Explorer

Bernards Township Schools

You are currently using guest access (Login)

faculty » Course categories » Middle School

Search courses

Course categories: Middle School

Page: 1 2 3 (Next)

## Courses

6th Grade Japanese	  
6th Grade Math- Bouton	 
7th Grade Computer Cycle	
7th Grade English	
7th Grade Geography	  
7th grade Japanese	  
7th Grade REACH	  
8th Grade Gold Team Academic Support	
Algebra I	 
Asian Culture Club	  
Communication Arts I: Mrs. Roio	 
Communication Arts II	
Communication Technology	
Computer Club	
D. M. Black- Seventh Grade Life Science	 
Demers - World Geography	 
Enrichment - Grade 7	 

# Course Repository

http://faculty.bernardsboe.com - Course: 7th Grade Geography - Microsoft Internet Explorer

**People**

Participants

**Activities**

Assignments  
Resources

**Search Forums**

Advanced search

**Course categories**

- Miscellaneous
- High School
- Middle School
- Mount Prospect Elementary School
- Technology
- Staff College
- Liberty Corner Elementary School
- Cedar Hill Elementary School
- Oak Street Elementary School
- Search courses...
- All courses...

**Latest news**

(No news has been posted yet)

**Topic outline**

- World Geography Index**
  - Course Index
- 1 Internet Sources**
  - Internet Sites
  - Geospy Game Activity
- 2 Homework Assignments**
  - HW:
  - Class Procedures**
    - Class Procedures
- 3 Grading Rubrics**
  - Map Projects
- 4 Concepts of Geography**
  - Concepts of Geography Unit Packet
  - Review Packet
  - Answers to Section A Longitude and Latitude
  - Answers to Time Section B
  - Answers to Maps Section C
  - Answers to Five Themes Section D
  - Earth Sun Relationship Answers Section E
  - Voyage Through Four Seasons Answers
  - Concepts of Geography Review Answers
  - Longitude and Latitude Challenge
  - Time Zone Activity
  - US Constitution Activity
  - Non-Power Point time Zone Activity
- 5 Physical Geography**

**Upcoming Events**

HW:  
Tomorrow (08:05 AM)

Go to calendar...  
New Event...

**Recent activity**

Activity since Friday, January 19 2007, 04:14 PM  
Full report of recent activity...

Nothing new since your last login

# Tying It All Together

BTSD - Microsoft Internet Explorer provided by Bernards Township

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Media Mail Print

Address http://www.bernardsboe.com/

Schools 6-12 Schools K-5 District Administration Programs Transportation

Site Directory

Bernards Township School District

Search this site

Make Online Payments **NEW!** | District Testing Calendar | Township Emergency Phone Numbers

Online Resource Directory

Home  
General Information  
Administration  
Curriculum  
Guidance  
News Archives  
Special Education  
District Calendar  
Job Opportunities  
Employee Webmail



## Breaking News

*Due to heavy construction during the summer of 2008, it is necessary to change the school calendars for the 2007-08 and 2008-09 school years, to allow 2 additional weeks of summer recess. Please click [here](#) for **IMPORTANT SCHOOL CALENDAR CHANGE** for 2007-08 and 2008-09.*

**KINDERGARTEN REGISTRATION, Thursday, February 1st!**  
Please click [here](#) for details and information.

## 2007 SCHOOL BOARD ELECTION

The 2007 School Board Election Candidate's Kits are now available at the Board of Education Office, 101 Peachtree Road, Basking Ridge. Anyone interested in becoming a candidate for the Board of Education may pick up a kit between the hours of 8:00 a.m. and 4:00 p.m. Nominating Petitions must be filed with the Board Secretary on or before 4:00 p.m. on February 26, 2007.

**URGENT!!** State Legislative Committees are reviewing several issues directly impacting our district. Please click on the links below to read about a group of citizens from neighboring towns, Value New Jersey, who are trying to make a difference, and read their literature and advice on lobbying our representatives in Trenton, including sample letters.

A message from Dr. Valerie A. Goger, Superintendent of Schools:

### Parents and Community Members:

The state of New Jersey is currently studying the issue of school funding. The deadline for their mid-November deliberation is approaching quickly. Please make your thoughts known to our lawmakers about the need in Bernards Township for additional state funding and budget flexibility. You can click [this link to write your message and then send it as e-mail](#). If you prefer, you may write a letter and mail it to them. The [legislative address list](#) is also contained as a link. Your message does not have to be long or complicated. Just a few sentences will serve the purpose! The number of messages they receive is more important than the length of messages. Here are some points that you might want to include in your message to Trenton.

- The cost per pupil in Bernards Township is \$1,239 lower than the state average.
- We privatize ALL non-educational services to maximize savings: food service, transportation, custodial/maintenance/grounds services.
- Keeping our budget cap at 3% forces us to reduce basic programs, such as elementary enrichment and world languages. It hurts our college admissions program by not staffing the position of Director of Guidance. It lowers our ability to provide discipline/safety at the middle school by eliminating a position of assistant principal. It requires us to have many large class sizes at the high school. It compels us to examine additional program reductions for the coming year such as half-day kindergarten, going from a nine period day to an eight period day at the middle and high schools.
- We are a high performing district. New Jersey Monthly ranked Ridge 11th in the state, Newsweek ranked Ridge 118th in the nation.
- The SAT scores of the bottom 25th percentile student at Ridge are higher than the scores of the AVERAGE student in New Jersey.

Internet

Bernards Township School District

 Search this site

Make Online Payments **NEW** | District Testing Calendar | Township Emergency Phone Numbers

Online Resource Directory

- Home
- General Information
- Administration
- Curriculum
- Guidance
- News Archives
- Special Education
- District Calendar
- Job Opportunities
- Employee Webmail



## Directory of Online Resources

Links to Online Faculty Instructional Environments & Tools

Teachers--If your link is not listed below, please click [here](#) to submit your Online Resource link.

BTSD HOME Ridge Annin Cedar Hill Liberty Corner Mt. Prospect Oak St January 19, 2007

### Ridge High

[Back to Top](#)

Athanasiou, Cynthia				
Bard, Richard				
Bene, Charles				
Benitz, Fran				
Berry, Mandy				
Blackwell, Thomas				
Bowden, Erin				
Brasno, Andrew				
Brun, John				
Bruni, Brenda				
Brush, Steve				
Burfeindt, Craig				
Burke, Mary Ellen				

Legend

Moodle	
OnCourse	
Blog	
Homepage	
Email	

# The Future...

