

**Rumson School District
Technology Information
Session**

Welcome Parents

February 21, 2013

Presenters:

Laurie Volpe, Supervisor of Curriculum, Instruction, and Guidance

Jennifer Gibbons, Principal, Forrestdale Middle School

Richard Karas, Principal Deane Porter School

Mark Panas, Instructional Technologies Teacher (K-3)

Chris Macioch, Educational Technologies Teacher (4 - 8)

Kristen Feyereisen, Curriculum Specialist

Dawn Cappetto, Grade 7 Science Teacher

Liz Waters, School Library Media Specialist, Forrestdale/Deane Porter

OUR GOAL:

For parents and the community to understand what **"technology integration"** means in the Rumson School District.

THE UNDERSTANDING...

Learning-by-doing is generally considered the most effective way to learn. The Internet and a variety of emerging communication, visualization, and simulation technologies now make it possible to offer students authentic learning experiences ranging from experimentation to real-world problem solving. (Marilyn Lombardi, *Authentic Learning for the 21st Century*, 2007)

BUILDING A PASSION FOR INQUIRY AND KNOWLEDGE...

Standard 8.1 Educational Technology

- A. Technology Operations and Concepts
- B. Creativity and Innovation
- C. Communication and Collaboration
- D. Digital Citizenship
- E. Research and Information Literacy
- F. Critical Thinking, Problem Solving, and Decision Making

Philosophy and Mission

- Prepare all students for 21st century information-technology literacy
- Place technology in the hands of the students to touch, feel, use, explore, analyze, research, communicate, create, collaborate, share, engage, excite, enhance, and inspire
- Promote achievement through high student engagement, project/game - based learning and authentic learning experiences

Deane Porter Overview

- **Integrate technology** with existing curriculum
Activities & projects relate to specific objectives
- **Research based projects**
- **Typing** - Home row, correct fingers, typingweb.com
- **Destiny** - search engine for safe and reliable sources
- **Interactive Web-sites** - Additional activities related to Math, SS, Science & Language Arts (ex. Jamestown)
- **Applications** - Spreadsheets, graphs, presentations, word processing

Kindergarten Highlights

- Basic features of technology
- How do digital tools help us create and communicate knowledge?
- Raz Kids - Online literacy program that motivates students to read & answer comprehension questions accurately

1st Grade Highlights

- **Raz - Kids**
- **Subject area objectives mixed with Technology objectives** (gravity, mass, solar system, animal habitats and classification)
- **PowerPoint Solar System Research Project**
- ***Interactive Websites that include web-based map tools*** - Google Earth, abcya.com
- **Additional Websites** for a variety of activities that relate to curriculum

2nd Grade Highlights

- **Earth Materials** - FOSS Science interactive web-sites and PowerPoint assessments
- **Force and Motion** -
Culmination of classroom learning goals
Safety check a virtual amusement park
Build a roller coaster
- **Research Project** - Use of reliable sources, citing sources, and creating a PowerPoint

3rd Grade Highlights

- **Chromebooks** in the 3rd Grade classrooms
- **Google Apps for Education** - online version of word processing, spreadsheet & presentation (think Word, Excel, PowerPoint)
Quick & easy access at home
- **Research Projects**
Animal Adaptations
Presidents (Lincoln and Washington)
- **Spreadsheets** charting & graphing plant growth data
- **Web-site Creation**

Technology in the Classroom



Chromebooks



Engaged
Motivated

Projects

- **Student Motivation**
Monarch Butterfly Slide Show
- **Plant Growth**
- **Motic Microscope**
Microscope Video
Microscope Video 2

Chris Macioch Technology 4-8

sites.google.com/site/forrestcomp

FORRESTDALE SCHOOL
Computer Class/Technology and Research

Navigation

- Home
- Activities
- Files
- Grade Links
- Lessons
- Links
- News
- test
- Useful links
- Sitemap

Off Site

- BCB
- Ski/Snowboard Club
- Rumson School District
- MyKidsSite
- Pearson
- Gizmos
- netTrekker
- safekids.com
- wiredsafety.org

Home

Google Apps

Google Drive

Google Calendar

google sites

TypingWeb Typing Tutor

Recent News

- 7-03 A Vocabulary 1 (quiz1)** <http://www.quia.com/quiz/2942013.html>
Posted an hour ago by Chris Macioch
- 8-03-3 Vocabulary 1** <http://www.quia.com/quiz/2941993.html>
Posted 2 hours ago by Chris Macioch
- 8-03-2 Vocabulary 1** <http://www.quia.com/quiz/2941990.html>
Posted 3 hours ago by Chris Macioch
- Google Apps Project Proposal** You have at your fingertips a very powerful cloud computing tool... Google Apps for education. Part of this marking period's grade will be the design, construction and implementation of ...
Posted 5 hours ago by Chris Macioch
- 7-03 B Vocabulary 1 (quiz1)** <http://www.quia.com/quiz/2942064.html>
Posted Feb 15, 2013, 6:54 AM by Chris Macioch

Showing posts 1 - 5 of 137. [View more >](#)

Google Apps for Education Log-in
If you need a permission form for your Google Apps account please click the link below, print the form, complete the form and bring to Mr. Macioch.

[Rumson School District Google Apps for Education Student Permission Request](#)



- Google Apps Version

Third Grade Curriculum Connections

- **enVision Math**
- **Time Links Social Studies**
 - **Time Links**
- **Gizmos: Science and Social Studies**
 - Online interactive simulations in Science and Math that promote inquiry and problem solving.
- **Journey North**
- **Spelling City**

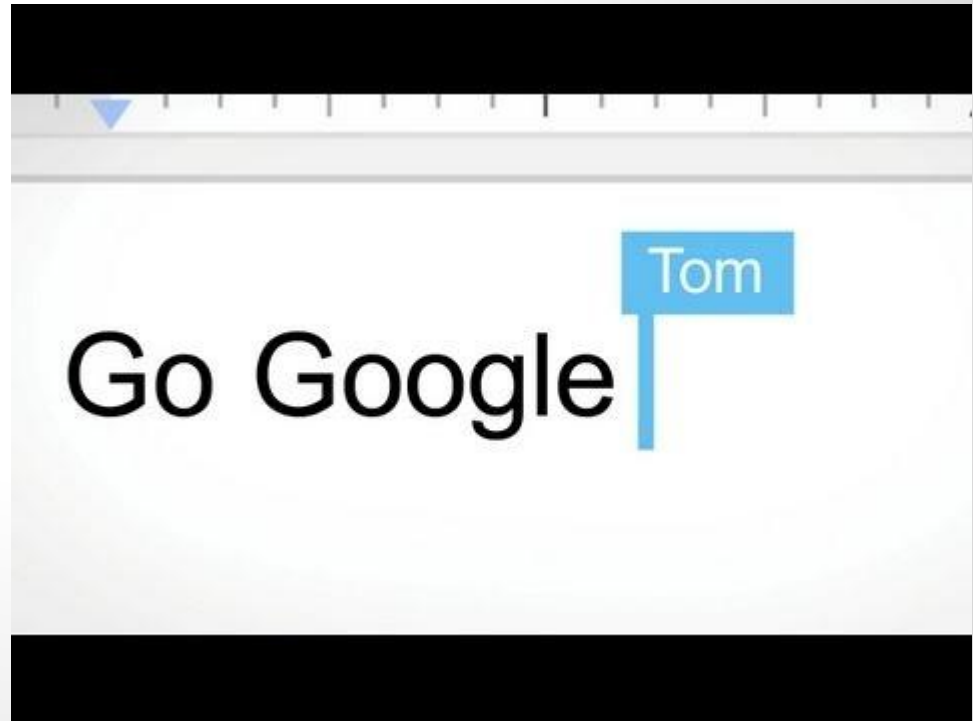
Choice Boards

3S Math Choice Board

<p><u>The Place Value Game</u></p> <p>Sharpen your place value skills while having fun!</p>	<p><u>Gizmos</u></p> <p>Get your packet and finish “No Aliens Left Behind” Gizmo. Don’t forget to do the Assessment when you are finished with the Gizmo. Have fun!</p>	<p><u>Sudoku</u></p> <p>Learning Sudoku is fun! Enter digits from 1 to 9 into the blank spaces. Every row, column, or 3x3 square can only contain one of each digit.</p>
<p></p> <p>http://www.abcya.com/third_grade_computers.htm</p> <p>Scroll down to Math and play Math Fact Shoot-Out. You may also choose any skill game that you need some extra practice. Money? Time? Challenge yourself? Sudoku?</p>	<p></p> <p><u>Math Playground</u></p> <p>Try Level 1 of the Word Problems.</p>	<p><u>enVision Math</u></p> <p>Do you need to review something from your text book?. Log in and click on “Open Book.” Click on “To Do” to see if you have any assignments.</p>



- Why Google Apps?
- The Cloud
- Collaboration
- No more handouts
- Security



Grades 4-5

- Keyboarding
- Google Apps
 - Word Processing
 - Spreadsheets
 - Presentations
- Information Literacy
- Digital Citizens
- Cyber Safety
- AUP
- Collaboration



Grade 6 Specific

- Google Apps (Advanced)

- Sites
- Calendar
- Groups

- Browser

- remote access
 - Bookmarks
 - History



Grades 6-7

- Research
 - Guidelines
- Present
 - collaborate
 - persuade
 - innovation



Grade 7 Specific

- BYOT
 - Mobile devices



Grade 8 Specific

- Careers
- Research
- Resume
- Interview
- Present



Chris Macioch (wrap-up)

- Google Apps for Education
- Computer/Technology Class web site
- Grades 4-8
- Closure



Daily technology

- ELMO
- United streaming - discovery education
- Google docs- presentation

GOAL- SWBAT investigate the variables of humidity and its influences on weather in the atmosphere.

OBJECTIVE: Define relative humidity

DISCUSSION - What is water vapor? What is the difference between water and water vapor. What is humidity?

NOTE TAKING - Presentation in google docs

Dawn Cappetto

water vapor

- Water in the form of a gas.
- Water vapor can not be seen.

HUMIDITY

- The amount of water vapor in the air.

RELATIVE HUMIDITY

- The ratio of the amount of water vapor in the air to the amount of water vapor the air can hold at a given temperature.
- Units - %

GIZMO

- Warm up
- Activity on their own or as a demo

FOSS WATER CYCLE

- Simulation game

ATMOSPHERIC ELEVATOR

Dawn Cappetto

- Wrap up to the lesson
 - ELMO- Students display work for class to look at.

Homework

- Teacher web pages-
 - [District web page](#)

Technology In the Classroom, Grades 4-8

Grade 4

- **Math**
 - EnVision Math
 - Daily digital lessons, including brief video instruction.
 - Chrome Books
 - Digital assessments twice per unit.
 - Project matchbox journal page for interactive student learning.
- **Social Studies/Science:**
 - Primary source interviews
 - Immigration/underground railway
 - Show 2-3 minute clips
 - Secondary source clips
 - American Revolution & Civil War battles/ timeline of events
 - United Streaming - short videos for enrichment and reteaching

10/22/12 Presidential Debate Discussion Board for 5H

Goal: Students will analyze the format, demeanor, speech, and content of the candidates/Presidential debate and use this discussion board as a forum for expressing and sharing ideas.

Dear Class,

The rules for this discussion board are similar to the rules for last week's with some additions. Please read the rules before participating.

Rules:

- 1. Respect both candidates and opinions of classmates. (No insults, sarcasm, or lack of tolerance for the ideas of others or the way ideas are expressed.)**
- 2. Please stay FOCUSED on the purpose of the discussion board. (See goal above.) Please refrain from side conversations and unnecessary topics.**
- 3. Please begin your comment or question with your name, then a colon, so we know who is speaking.**
- 4. Try to respond directly to others' comments and/or questions and feel free to include your own.**

Enjoy!

D: I can not wait for tonight's debate! I think it is going to be contentious!!!!

E:- I think that Mitt Romney and President Obama will both come out ferocious, but only one will win. I saw on Xfinity that they are debating if the election is a tie. Then they showed 5 ways the electoral college could be a tie. I think that one of them (or both) will be pungent, as in foul and stenchy in the lying department. I can't wait for tonight!

D: I agree E! I think they will both come out very strong! I think tonight will be very interesting!! Can not Wait ;)!!

J: I agree with D! I CAN'T WAIT! :D

D: I think Mitt Romney will come out strong, because Pres. Obama was aggressive last time.

E- I agree with J. I think that Mitt Romney was a little surprised, because Obama wasn't as strong the last time they met. I wonder what format they're going to do it in. I really understood the last debate really well, because there was a different format than the 1st debate.

D: I think Governor Romney will come out strong, and I think the President will too.

A: Agreed, D!

C: Can't wait! I agree with all of you! So excited! USA!!

Grades 6-8



Language Arts

- <http://KidBlog.org/>
 - Bi-weekly independent reading blogging and online literary discussions
- *The Giver* utopia project essays - collaboration on Google Docs.
- Google Docs for all essays - enables teacher collaboration.
- www.vocabularyworkshop.com
 - Play vocabulary review games
- Discovery United Streaming
 - Videos on specific reading strategies (i.e. plagiarism, summarizing, etc.)
- Create a slide presentation to utilize a visual aide during book talk discussions.

Special Areas, Grades 4-8



Music Class with Mrs. Leutz, Grades 6-8

- 8th grade music class - distance-learning Rock and Roll Hall of Fame class
 - See/hear instructor and also be seen/heard during a live class
- MIDI Music Lab. Keyboards hooked up to computers.
- Sibelius music notation software with USB/MIDI keyboard
 - Create custom arrangements for students to play.

Forrestdale Band Program with Mr. Lebitsch, Grades 5-8

- Handheld digital recorder to record rehearsals and performances: used as assessment tool.
- Soundcloud.com for posting and sharing recordings. with students

Extracurricular Activities

- **Paw Print Press, School Newspaper**

- Electronically published on school website
- Students research topics via the Internet.
- Google Docs for student collaboration on articles.



- **Science Club**

- Design interactive websites - Thinkquest.
- Submitted via digital media to national and international competitions
Exploravision
- Study physics of small parts, assembling them to engineer larger-scale objects like electromagnetic motors and/or battling robots.

- **Drama Club**

- Digital recorder - record rehearsals, self-assess for improvements, and focus rehearsals.
- i-Pod -- play pre-recorded versions of the musical numbers for student practice
- Portable PA system for i-Pod - choral collaboration with pre-recorded music

Information Tools

Safe and Reliable Sources For Our Students

Presented by: Liz Waters, SLMS

What is information Literacy?

The ability to access, use, and evaluate information in all sources and formats.

Moving Forward

.Let's help our children become lifelong learners!

.Encourage your child to use the resources on the Media Center Website.



Works Cited

American Association of School Librarians and Association for Educational Communications and Technology. Information Power: Building Partnerships for Learning. Chicago: American Library Association, 2009.

Johnson, Doug. “Why Do We Need Libraries When We Have the Internet?” Knowledge Quest. Vol. 2 No. 2, 1998.

Monmouth County Library. 2013. 18 February 2013. <www.monmouthcountylib.org>.

IN CLOSING.....

A WORD FROM OUR PRINCIPALS

- REFLECTION - How have you grown?
- TECHNOLOGY - Ever changing ever evolving