UNIVERSITY OF MARYLAND

William Wirt Middle School
Educational Technology Professional Development Series
Resources

As promised the first day of class—resources for individual needs:

Guidance:
- http://webquest.sdsu.edu/matrix/6-8-Hea.htm several related topics that might be of interest—webquests
- http://webquest.sdsu.edu/matrix/6-8-Lif.htm life and career skill webquests
- http://www.edtechoutreach.umd.edu/FrederickProjects/projects/matrix.htm bullying resources etc...

Language Arts:
- http://school.discovery.com/lessonplans/lit.html many resources to choose from
- http://webquest.sdsu.edu/matrix.html webquest lesson plans scroll to your area
- www.ira.org International reading Association
- www.readingonline.org Reading Online
- www.acs.ucalgary.ca/~dkbrown/index.html The Children's Literature Website

Math:

- Mathematics related http://library.wolfram.com/webMathematica/MSP/Explore/Education/LongMultiply
- http://www.lizardpoint.com/math/mathsheet.html -> online math questions--ONE of my favorite I use with my kids at home
- http://www.turbodemo.com/Eng/index.htm try some of the demo examples
- http://webquest.sdsu.edu/matrix.html webquest samples--scroll to your area of interest
- Interactivehttp://members.aol.com/johnp71/javastat.html Interactive Statistical calculations—scroll down to see the choices
- http://wise.berkeley.edu/welcome.php inquiry based science/math curriculum

Family Consumer Science:

- http://webquest.sdsu.edu/matrix.html webquest samples--scroll to your area of interest
- http://webquest.sdsu.edu/matrix/6-8-Lif.htm life and career webquests

Health:

- http://webquest.sdsu.edu/matrix.html webquest samples--scroll to your area of interest
- http://www.howard.k12.md.us/mhms/homeec/globalfoodswebquest.s.html global foods webquest
- http://webquest.sdsu.edu/matrix/6-8-Hea.htm list of several health related webquests for middle school
- http://www.ashaweb.org/ American School Health Association
- http://cdc.gov Centers for Disease Control and Prevention
- http://www.goaskalice.columbia.edu health and wellness issues
- http://www.kidshealth.org answers to common questions for parents and teens

- www.healthteacher.com health education curriculum
- www.ualberta.ca/healthinfo free interactive software to teach about health issues
- www.MedTerms.com online dictionary to medical terms
- www.quackwatch.com health quackery updates
- www.bartleby.com/107 drawings
- www.brainpop.com health topics—video clips also
- www.indiana.edu/~preschal President's Council on Physical Fitness and Sport
- http://mainetoday.webpoint.com/fitness interactive activities (i.e., how to our target rate)
- www.sportsid.com short video clips on how to teach a sport
- www.upenn.edu/museum/Olympics/olympicintro.html ancient Olympics

PowerPoint:
- see notes from today online

Excel:
- Microsoft Excel -Some Basics

http://www.extension.iastate.edu/Pages/Excel/ University of Arizona on-line interactive tutorial
- other tutorials
  - http://www.beavton.k12.or.us/vince/microsoft/excel/start.htm#learn
  - http://www.memphis-schools.k12.tn.us/admin/tlapages/on-line_excel.htm

Internet Searching:
- http://www.edtechoutreach.umd.edu/partners.html#local click on the Beechfield Internet course PP presentation

Generators: (make puzzles etc….)

Quiz generator

- http://www.cooperis.com/quizzes/quizgen.htm This is what I used to create your quiz. Once complete the URL is given –you send the students to that site to take the quiz. You can edit at will (so can change from class to class). Answers are emailed to you as well (might be blocked at school—try another computer or at home)
- Algebra Quiz Generator http://library.wolfram.com/webMathematica/MSP/Explore/Education/MakeQuiz
- Precalculus Quiz Generator and Grader http://www.math.ua.edu/precalc.htm
- Kelly's Fill-in-the-Blank HTML Quiz Generator http://a4esl.org/q/h/help/write-fb.html
- Discovery: will need to set up account first (free and secure) http://school.discovery.com/quizcenter/quizcenter.html
- 4Teachers: will need to set up account first (free and secure) http://quiz.4teachers.org/index.php3
- More advanced-quiz generator with language converters http://web.uvic.ca/hrd/halfbaked/ some of the versions are now at cost—but some of the beta versions are good and can be downloaded for free. Also scroll to the bottom of the page and look at the clip art library
- Sulan Dun's Quiz Generator http://www.dun.org/sulan/homepage_generator/
- http://www.funtrivia.com/ fun quizzes already developed
  - http://school.discovery.com/teachingtools/worksheetgenerator/index.html will need to set up account first (free and secure)
  - http://www.math.com/students/worksheet/algebra_sp.htm Math problem worksheets
  - http://www.superkids.com/aweb/tools/math/ SuperKids Math worksheet generator
  - http://teachers.teach-nology.com/web_tools/science_lab/ states lab generator but = worksheet (for your lab)

- o http://worksheets.teach-nology.com/soc_studies/today/ daily history facts generator
- o http://www.lizardpoint.com/math/mathsheet.html -> worksheet math generator
- o http://www.schoolhousetech.com/ http://www.schoolhousetech.com/mathlite.html some are free trail version others are free downloads
- o http://www.lefthandlogic.com/htmdocs/tools/mathprobe/addsing.shtml math related

Lesson plan generator

- o Teachers
  - ▪ http://school.discovery.com/teachingtools/lessonplanner/ will need to set up account first (free and secure)
  - ▪ http://teachers.teach-nology.com/web_tools/homeweek/ could be used for elementary school with multiple subjects -for students out for some time
  - ▪ http://teachers.teach-nology.com/web_tools/assignment/ for teachers lesson plans, for substitutes or to give to students who will be out for awhile
  - ▪ http://teachers.teach-nology.com/web_tools/materials/week_teach/ weekly planners
  - ▪ http://teachers.teach-nology.com/web_tools/lesson_plan/ daily lesson planner
- o Students
  - ▪ http://teachers.teach-nology.com/web_tools/homeweek/ to help them get organized
  - ▪ http://teachers.teach-nology.com/web_tools/assignment/ to help keep organized-especially if out for a time

Puzzle generator

- o http://puzzlemaker.school.discovery.com/ several already on file and ways to generate your own This is what I used to create today's exercise
- o http://teachers.teach-nology.com/web_tools/work_sheets/ -> http://teachers.teach-nology.com/web_tools/crossword/ puzzle generator and word scrambler
- o http://teachers.teach-nology.com/web_tools/scramble/ word scrambler
- o http://teachers.teach-nology.com/web_tools/word_search/ word search maker
- o http://teachers.teach-nology.com/web_tools/youngwordsearch/ elementary word search maker

Other Productivity Items

- o http://teachers.teach-nology.com/web_tools/materials/ -progress reports, student learning contracts, timelines/gnat charts, weekly progress reports, certificates, bus and hall passes, book markers
- o http://www.teach-nology.com/web_tools/rubrics/ rubric generator for multiple activities
- o http://users.penn.com/~breese/cybrary/etools.html#Downloads general site with variety of demo's and free productivity forms etc…
- o http://www.kn.pacbell.com/wired/fil/pages/listwebresoute.html general site links to resources
- o http://school.discovery.com/students/ scroll to puzzle makers

Web Pages and how to create:
- • Strange title but great resource http://www.webpagesthatsuck.com/
- • http://www.howstuffworks.com/web-page.htm great step-by step how stuff works resource

In word how to make hyperlinks:
- • In the Word document Insert/Hyperlink (usually at the bottom of the dropdown box—or Ctrl K)

WebQuests:
- http://www.glc.k12.ga.us/trc/cluster.asp?mode=browse&intPathID=4020 several links to evaluation of webquests and webquests with Excel
- The "bible" of webquests http://webquest.sdsu.edu/
- http://www.spa3.k12.sc.us/WebQuests.html another great resource of webquests but also tutorials regarding design of webquests

Tracking:
- In word –Tools/Track Changes
- To insert comments—Insert/Comments and type your comments in the box

Map activities and economics& Social Studies
- http://dir.yahoo.com/Science/Geography/Cartography/Maps/Interactive/ many to choose from
- http://www.mapquest.com/ everyone should know this
- http://school.discovery.com/students/ scroll to Learning Adventures and the Fun and Games
- Fun and Games http://school.discovery.com/students/--try the Geo trips
- http://www.sbzinak.com/webquest/ Personal budget webquest
- www.gsh.org the global schoolhouse
- www.rice.edu/projects/topics/edition11/games-section.htm games from around the world
- www.greatestplaces.org places around the world to explore
- www.si.edu Smithsonian Institution
- www.peacecorps.gov/wws/water/africa geography skills African countires is the backdrop
-

Animation sites:
- http://school.discovery.com/students/ scroll to animations
- http://school.discovery.com/students/ scroll to fun and games—clip art—then animations

Typing tutorials:
- http://www.kn.pacbell.com/wired/fil/pages/listtypingtst.html Content by Stephanie Moore, smoore@vdoh.org
   lists several online free tutorial sites
- Kids Domain Computer connection http://www.kidsdomain.com/brain/computer/type.html free demos, typing games and free downloads
- http://www.turnquist.org/ the zoom in keyboard is great
- http://typingsoft.com/all_typing_tutors.htm ~ 10 samples of freeware—that I have used before