

DOCS & SPREADSHEETS

IN THE CLASSROOM

ESTHER WOJCICKI Palo Alto High School



DOCS & SPREADSHEETS IN EDUCATION



Where it is being used now:

Journalism classes

ESL classes

English classes

Social studies classes

JOURNALISM AT PALO ALTO HIGH



Journalism programs are using Docs and Spreadsheets.

- ✓ CAMPANILE (newspaper) 70 students
- ✓ VERDE (magazine) 35 students
- ✓ BEGINNING JOURNALISM: 160 students
- √http://voice.paly.net (website) 30 students

http://voice.paly.net Journalism website



2005 winner of two Webby Awards



the paly

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Today is Feb. 14

000715105.24

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Verde In Focus Campanile Calliope

Official Sites

Paly.net Daily Bulletin Digital lockers InClass International Festival survives cancellation scare thanks to

increased volunteer efforts

The Campanile, News, Feb. 12
Though a shortage of volunteers
threatened to cancel Palo Alto High
School's International Festival,
parents and students have stepped
up to push the event forward.

1 in 1700: Rahul Ramakrishnan

The Campanile, Entertainment, Feb. 12
The Campanile: So Rahul, this is 1
In 1700. So what is it like to be a
junior at Palo Alto High School?

Online classes increase schedule flexibility, reduce stress

The Campanile, Features, Feb. 12
With pressure and stress mounting
from SATs, homework and college
applications, some students at Palo
Alto High School have turned to
receiving their education through
online classes. Students take courses
online in order to avoid taking
traditional classes they find tedious
and to reduce their homework load.

Boys soccer



Adam Heeger

One-sided rivalry: Vikings topple Titans again Voice, Sports, Feb. 9

It was sloppy, ugly and at times it was downright pathetic, but in the end, the result was the same -- The Vikings beat rival Gunn and the Vikings won at home, both extending streaks that date back to before any of the current Vikings were in high school.

All-school rally: slam dunk, News, Feb. 12

News

. Adming land projetance to site council Name Call I



STANDBY...

FEB. 12 Robotics

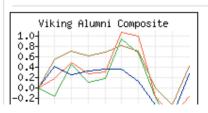
Quicktime 6.0 or higher required. Off-campus loading may be slow.

MORE IN FOCUS VIDEOS

- FEB. 9 Soccer vs. Gunn
- . FEB. 6 News only
- . FEB. 5 News only
- More episodes



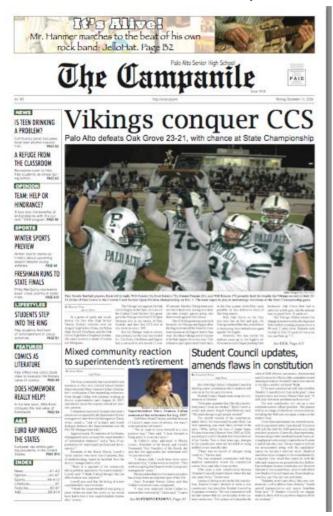
4 ₽ ₹



CAMPANILE: newspaper



Columbia Crown winner, National Scholastic Press Hall of Fame

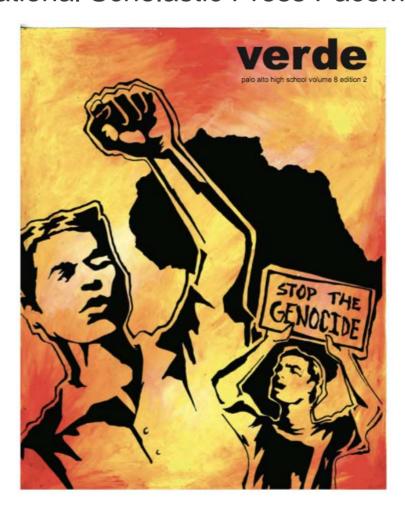




VERDE MAGAZINE



National Scholastic Press PaceMaker





Numbers

AP Physics C (Electric ity & Magnetism) test

national average score on the AP Physics C (Electricity & Magnetism) test

(more on p. 13)

thousand children who die every day in Eastern and Southern Africa, according to UNICEF

thousand people have 450 died in the Darfur region genocide, according to Genocide

(more on p. 36)

mount in dellare. of the cheapest room available for monthly rent at the Opportunity

8 verde magazine

PAUSD superintendent retiring, search begins

Board of Education has begun searching for Paly students. "A superintendent can change a replacement for Superintendent Mary Cal- an entire district," Antink says. "Paly could lan, who announced her resignation earlier be in for a huge change."

anywhere from four months to about nine Suzanne Antink, "I think it's very challengmonths, according to Kathleen Ruegsegger, ing for this district to find a superintendent the assistant to the superintendent.

In a letter to the school board, Callan expressed her desire for a "smooth transition" bright community." for her successor. "I would need to let you [the board] know of my plans prior to 2007 comes community input about search criso that the board would have sufficient time to find my replacement," she wrote.

seamless change. "Hopefully, the board will plicants. be able to choose a replacement before the interim," Ruegsegger says.

One possible way to find a replacement is to go through a consulting firm, which have a committee." would recruit potential candidates, review all résumés, and narrow them down based on the district and community's criteria. The board will most likely choose this course, as it saves time and effort, Ruegsegger says.

The process will be long and difficult, according to math instructional supervisor of the level we need for such a small district," Antink says. "We have talented kids and a

Ruegsegger stresses that the district welteria. The board may appoint an additional committee made up of teachers, staff, and Ruegsegger shares Callan's desire for a other community members to prescreen ap-

"This [Palo Alto] is a very involved com superintendent leaves so they won't need an munity," Ruegsegger says. "If the board feels the community and staff members want a voice in who is hired, they [the board] will

Community input is important in making the right choice, according to Ruegsegger. "It's their [the community's] children, Ruegsegger says. V

Library establishes teen section

Docs & Spreadsheets in the English classroom Google

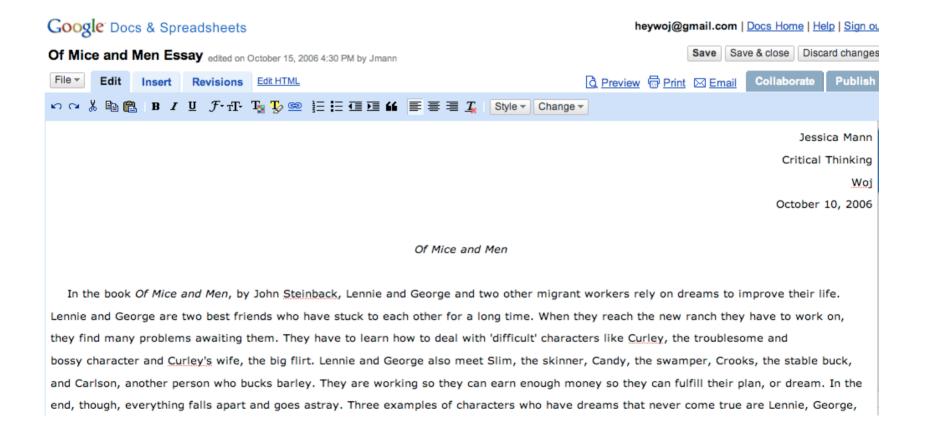
Suggested use of Docs in the classroom:

- •ESSAYS
- •VOCABULARY WORK
- **•**CREATIVE WRITING
- POETRY PORTFOLIOS
 - •ESSAY TESTS
 - •CLASSWORK

Student essays



Of Mice and Men essay

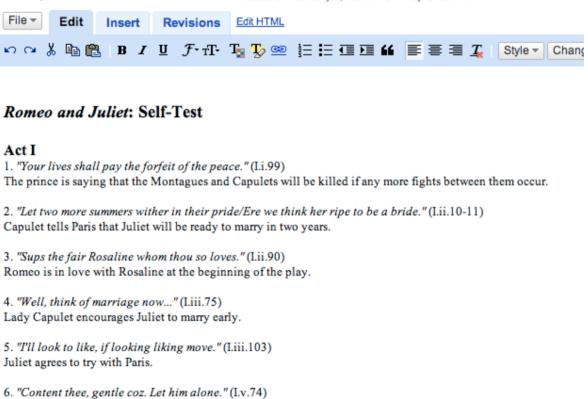


STUDENTS CAN TAKE TESTS



Google Docs & Spreadsheets

Dulik, Gracie: Romeo and Juliet edited on February 8, 2007 2:16 PM by Grdulik10



ADVANTAGES OF DOCS & SPREADSHEETS Google

WHY WOULD AN ENGLISH/JOURNALISM TEACHER USE IT?

- 1. Makes peer collaborating and editing exciting and fun.
- 2. Saves automatically (no more complaints about I lost my work)
- 3. Easy access from any Internet computer (eliminates "my computer crashed" because it is always online
- 4. Teacher can monitor student work easily & offer comments & suggestions at any point in the assignment. Hard for students to tell those big fibs when you can see their revision history online.

Reasons teachers use Docs & Spreadsheets



Students love it, no more coaxing kids to do their writing assignments. They beg to go to the computer lab to work on a collaborative assignment with their partner.

Easy to see which student contributed what because there is a "Revisions History" and you can see who contributed.

Easy for students to publish their work online using Blogger. Just click!

Gives students an authentic audience for their work: parents, peers, friends and blogs.

REVISIONS HISTORY



Teachers can see exactly what was revised, by whom, and when

	Revision	Last Edited	Changes
Ţ	Revision 175	4 days ago by Kelley Shin	no text added
	Revision 174	8 weeks ago by Kelley Shin	and pistachios line the middle layer. The bottom layers of pastry are dipped in caramel, balancing the flavor of
-	Revision 173	8 weeks ago by Kelley Shin	The Lentil soup (\$4.99) is another house specialty and was different from any Lentil soup I had ever tasted, an
-	Revision 172	8 weeks ago by Kelley Shin	with the diced cucumbers, tomatoes, spices and Falafel. These ingredients are all wrapped up into a tortilla-like
Ī	Revision 171	8 weeks ago by Kelley Shin	therefore, adults may enjoy it more than younger children. Kan Zeman is also affordable, prices range from \$4. Revisions 168-171
-	Revision 168	2 months ago by Kelley Shin	friendly chatter in the background. The tables are well spaced apart, but close enough that one table does not :
-	Revision 167	2 months ago by Kelley Shin	Delicious, authentic Mediterranean food is what you get at Kan Zeman, a small Mediterranean restaurant in do Revisions 164-167
-	Revision 164	2 months ago by Gloria Yu	this is so cute :) Delicious, authentic Mediterranean food is what you get at Kan Zeman, a small Mediterranear Revisions 158-164
Ţ	Revision 158	2 months ago by Kelley Shin	A Night of Authentic Mediterranean Cuisine Delicious, authentic Mediterranean food is what you get at Kan Zer Revisions 153-156
	Revision 153	2 months ago by Kelley Shin	no text added
-	Revision 152	2 months ago by Kelley Shin	a mint leaf and unlimited refills. The tea is hot and soothing, with a sweet taste balanced by a hint of mint. The Revisions 150-152
-	Revision 150	2 months ago by Kelley Shin	n acquired taste (do you mean "an aquired taste?), so adults may enjoy it more than younger children. When y
Ţ	Revision 149	2 months ago by Kelley Shin	A Night of Authentic Mediterranean Cuisine Kan Zeman is a small Mediterranean restaurant in downtown Palo.
	Revision 148	2 months ago by Gloria Yu	(do you mean "an aquired taste?), so adults may enjoy it more than younger children. When you walk into the r Revisions 144-146
-	Revision 144	2 months ago by Scott, Elizabeth	with mint leaf and unlimited refills. The tea was is hot and soothing, with a sweet taste balanced by a hint of m Revisions 136-144
1	Revision 136	2 months ago by Scott, Elizabeth	TITLE!!!! -Scott, Elizabeth 3/5/07 6:26 AM Kan Zeman is a small Mediterranean restaurant in downtown Palo F Revisions 134-136
1	Revision 134	2 months ago by Gloria Yu	no text added

GETTING STARTED



Have students set up a Google Account using any email address

OR

Have them sign up for a Gmail Account

If district blocks email accounts, sign up for as many dummy email accounts as you need and let students use them in class.

Easiest way to get started is to to take students into a computer lab and guide them through the process.

Assignments for English



- Collaborative book reports
- Co-editing essays
- Collaborative research papers
- Group discussions about literary topics (4 students to a group)
- Vocabulary work either individual or in pairs
- Creative writing
- Poetry or writing porfolios (all saved on Docs & Spreadsheets)
- •Class Blog: upload work to class blog (controlled viewers who are invited)

Assignments for Beginning Journalism



- ✓ Personality profiles
- ✓ Movie reviews
- ✓ Restaurant reviews
- ✓ Books reviews
- ✓ Product reviews
- ✓ Peer editing built into program
- ✓ Collaborative work on investigative stories
- √ Easy to publish work to webpage
- ✓ News stories: students can check each other for accuracy
- √Sports: peer edit and upload stories to a Sports Blog
- ✓ Opinion: designate topic and have students collaborate
- ✓ Publish student opinion on class blog or school blog

Docs & Spreadsheets in Advanced Journalism Google



- ✓ Editors can easily make comments online to reporters
- ✓ All students submit articles on D & S; easy to revise.
- √ Students also submit them in hard copy
- ✓ Editors also edit on paper as a backup
- ✓D & S helps develop online peer editing groups
- ✓ Easy to spot errors in structure early and give immediate feedback
- ✓ Easy to save in a variety of formats
- ✓ Easy to find a student's work---just use search engine in Docs
- ✓ Easy to rename any article



Joe Bellino and Ailish Zompa, ESL teachers at Montgomery Blair High School are using Google Docs to help English language learners become critical readers and writers

Montgomery Blair High School

Rockville, Maryland





The teachers found that Google Docs had a number of advantages over NiceNet.

- Students could insert comments into documents.
- Teachers could watch documents develop.

Teachers found peer conferencing more effective when done with Google Docs.

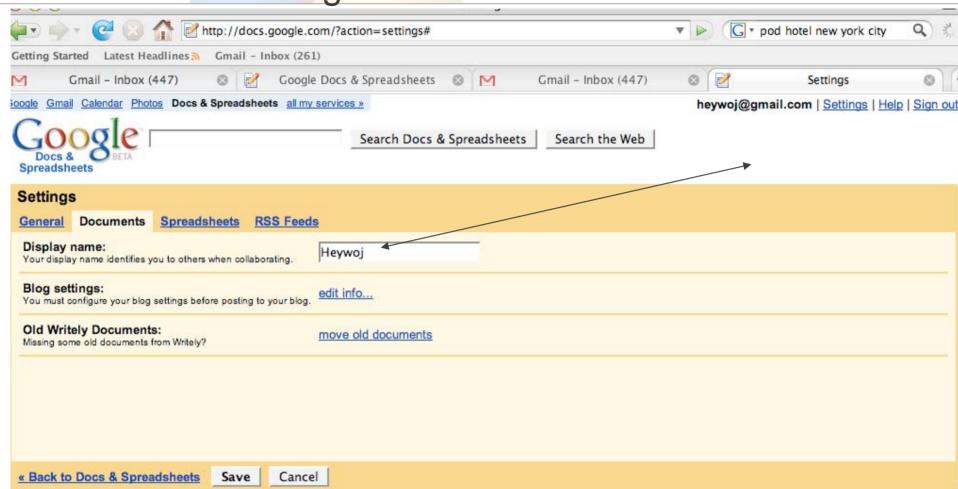
Why the ESL teachers used Docs

- They wanted students to have the opportunity to easily read the writing of their classmates
- They wanted students to practice using language that would help their classmates improve ideas and development
- They wanted to encourage students to improve their own ideas and development.



Get students to change their display name so teachers can recognize the name.



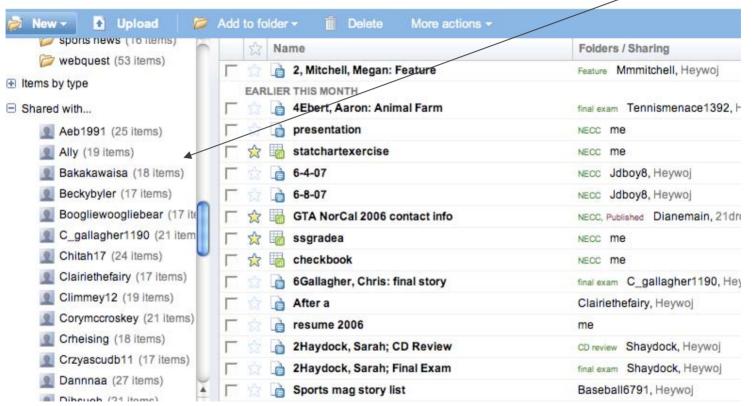


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IF YOU DON'T CHANGE THE USER NAME







ADDING COLLABORATORS



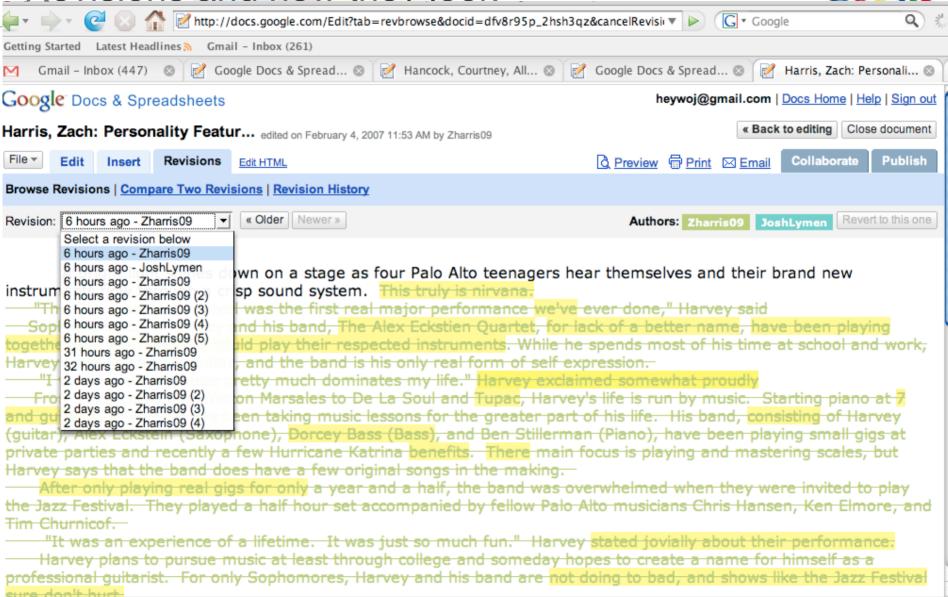
Collaborators email address must be added to each document

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Getting Started Latest Headlines	
Google Docs & Spreadsheets	
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Separate email addresses with commas.	
Invite viewers:	
	Viewers may see the same document collaborators do, but not edit it.
Separate email addresses with commas.	
Invite these people	

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Revisions and how they look





Google Docs Project



Each student's editing is a different color





REVISIONS



TEACHERS can always see who revised the essay and at what time. It is listed under the "Revisions" Menu.

If five students work on the same project, each student's name will be listed under revisions and you can see the work that student did on the project.

Each student's revisions are in a different color--automatically assigned by Docs

Students must list each other as 'COLLABORATORS' or they will not be able to work together on essays.

Two students collaborated on this essay



A bright light shines down on a stage as four Palo Alto teenagers hear themselves and their brand new istruments flow through a crisp sound system. This truly is nirvana.

"The San Jose Jazz festival was the first real major performance we've ever done," Harvey said

Sophomore Kevin Harvey and his band, The Alex Eckstien Quartet, for lack of a better name, have been playing agether since before they could play their respected instruments. While he spends most of his time at school and work, arvey's real passion is guitar, and the band is his only real form of self expression.

"I would say that music pretty much dominates my life." Harvey exclaimed somewhat proudly

From Miles Davis and Winton Marsales to De La Soul and Tupac, Harvey's life is run by music. Starting piano at 7 nd guitar at 8, Harvey has been taking music lessons for the greater part of his life. His band, consisting of Harvey guitar), Alex Eckstein (Saxophone), Dorcey Bass (Bass), and Ben Stillerman (Piano), have been playing small gigs at rivate parties and recently a few Hurricane Katrina benefits. There main focus is playing and mastering scales, but arvey says that the band does have a few original songs in the making.

After only playing real gigs for only a year and a half, the band was overwhelmed when they were invited to play the Jazz Festival. They played a half hour set accompanied by fellow Palo Alto musicians Chris Hansen, Ken Elmore, and in Character for the Palo Alto musicians Chris Hansen, Ken Elmore, and in Character for the Palo Alto musicians Chris Hansen, Ken Elmore, and in Character for the Palo Alto musicians Chris Hansen, Ken Elmore, and in Character for the Palo Alto musicians Chris Hansen, Ken Elmore, and in Character for the Palo Alto musicians Chris Hansen, Ken Elmore, and in Character for the Palo Alto musicians Chris Hansen, Ken Elmore, and in Character for the Palo Alto musicians Chris Hansen, Ken Elmore, and in Character for the Palo Alto musicians Chris Hansen, Ken Elmore, and in Character for the Palo Alto musicians Chris Hansen, Ken Elmore, and in Character for the Palo Alto musicians Chris Hansen, Ken Elmore, and in Character for the Palo Alto musicians Chris Hansen, Ken Elmore, and in Character for the Palo Alto musicians Chris Hansen, Ken Elmore, and in Character for the Palo Alto musicians Chris Hansen, Ken Elmore, and in Character for the Palo Alto musicians Chris Hansen, and the Palo Alto Manager for the

im Churnicof.

"It was an experience of a lifetime. It was just so much fun." Harvey stated jovially about their performance.

Harvey plans to pursue music at least through college and someday hopes to create a name for himself as a rofessional guitarist. For only Sophomores, Harvey and his band are not doing to bad, and shows like the Jazz Festival are don't hurt.

"Music is what I want to do in life, I love playing." Harvey said contently

"The San Jose Jazz festival was the first real major performance we have ever done," Harvey said

Sophomore Kevin Harvey and his band, The Alex Eckstien Quartet have been playing together for eight years, since efore any of them could actually play their instuments. While he spends most of his time at school and work, Harvey's passion is guitar, and the band is his only real form of self expression.

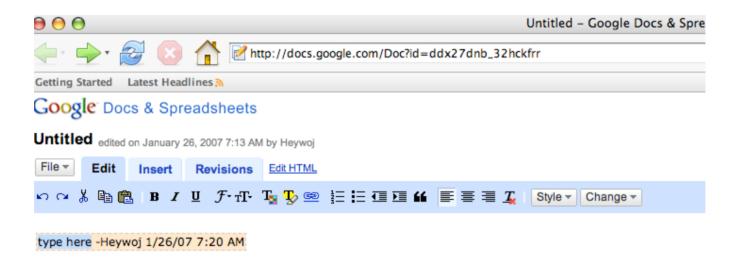
"I would say that music pretty much dominates my life." Harvey said.

From Miles Davis and Winton Marsales to De La Soul and Tupac Shakur, Harvey's life is run by music. Starting piano t seven and guitar at eight, Harvey has been taking music lessons for the greater part of his life. His band, consistes of

INSERTING A COMMENT



Click where you want to place the comment



Collaboration Options



Collaborators can either write directly on the essay

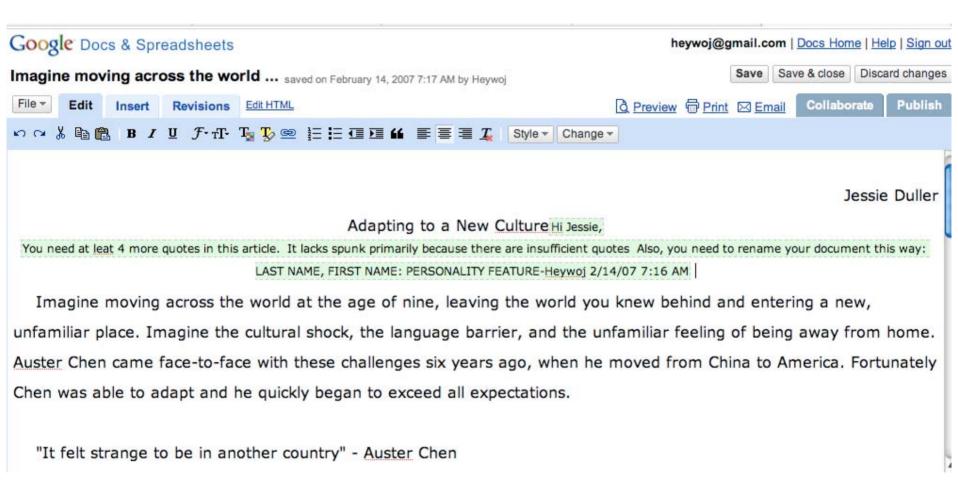
Or

Collaborators can insert comments

Teachers should always be listed as collaborators so they can edit and monitor

COMMENTS ARE EASY TO SEE







To change a comment, click on the comment and a menu will appear allowing you to change the background color, delete the comment, or incorporate the text into your document.

WHAT HAPPENS TO COMMENTS?

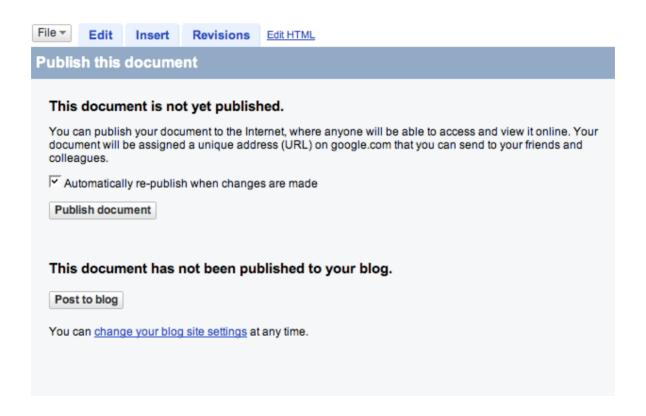


All comments are automatically removed from the version of the document that you preview, publish, or post.

The comments remain intact in the original Docs & Spreadsheet document, and will continue to be visible when you view the document from the "Edit" screen.

Students can easily post to a blog

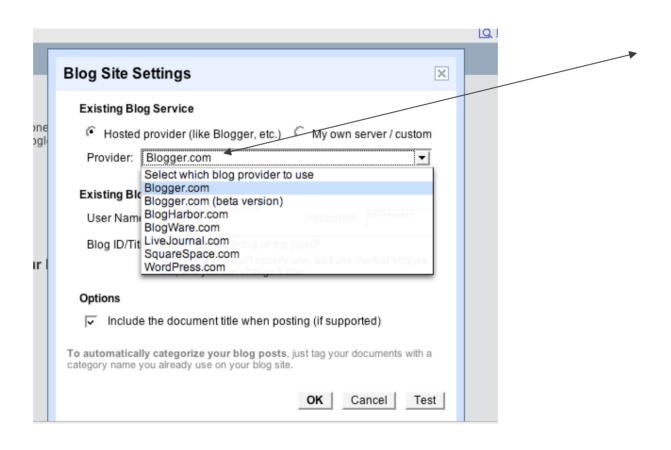




Go to Blog Site Settings



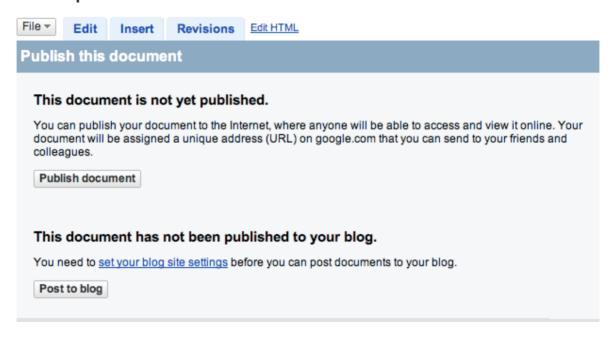
Make sure that blogger.com (beta version) is selected



PUBLISHING YOUR DOCUMENT



Students can publish so easily..Just click "Publish Document," if they want a separate link to their document.



Easy to set up a Blog





Example of student blog



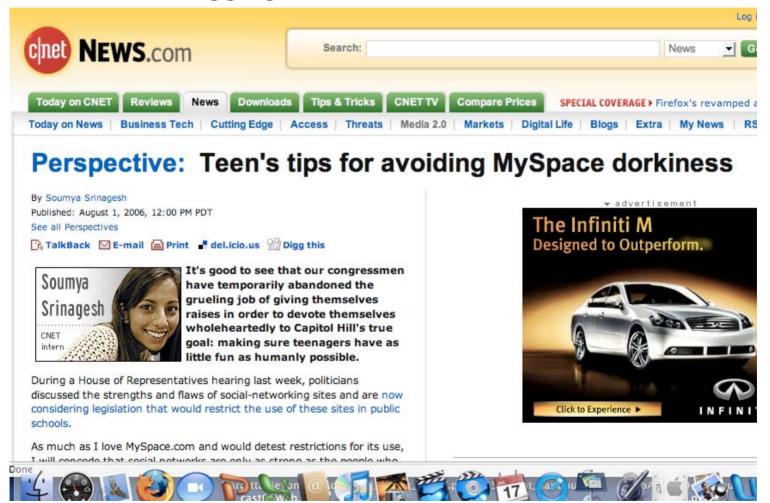
Topic: People are rude



THIS IS WHAT IT CAN LEAD TO ...!



Student now Blogging for CNet

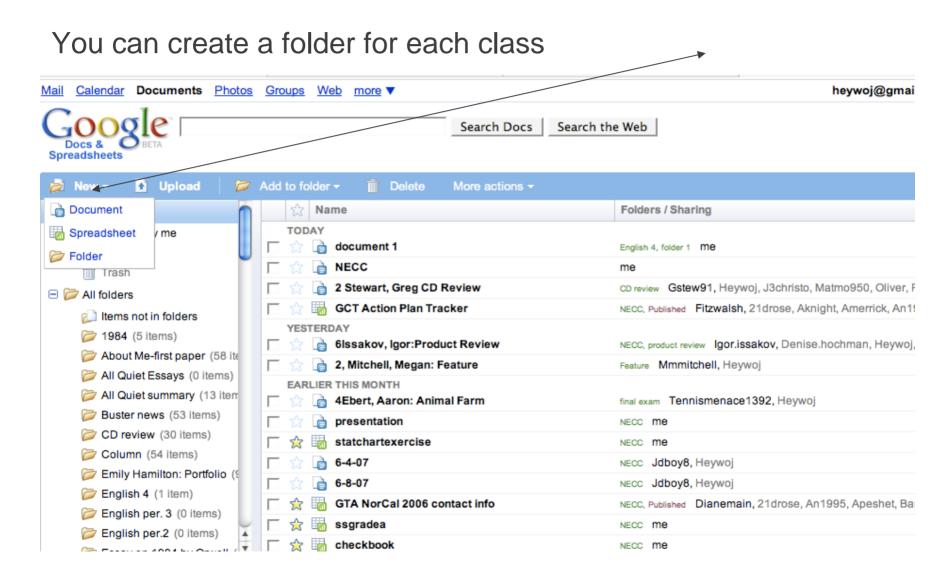




TIPS TO MAKE THE PROGRAM EASY TO USE

ORGANIZING STUDENT WORK

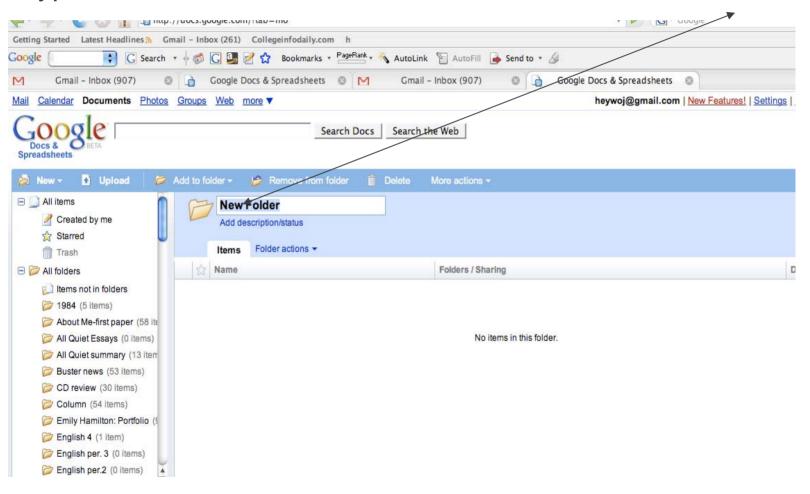




NAME FOLDER BY CLASS NAME



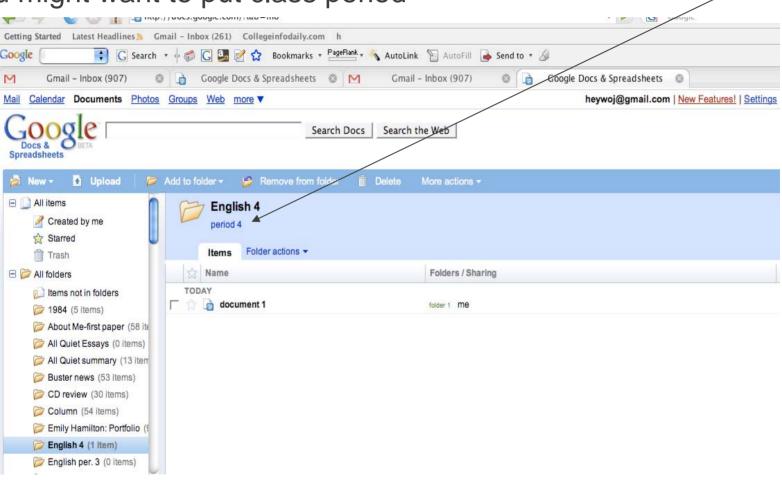
Just type in the box



ADD DESCRIPTION UNDER NAME



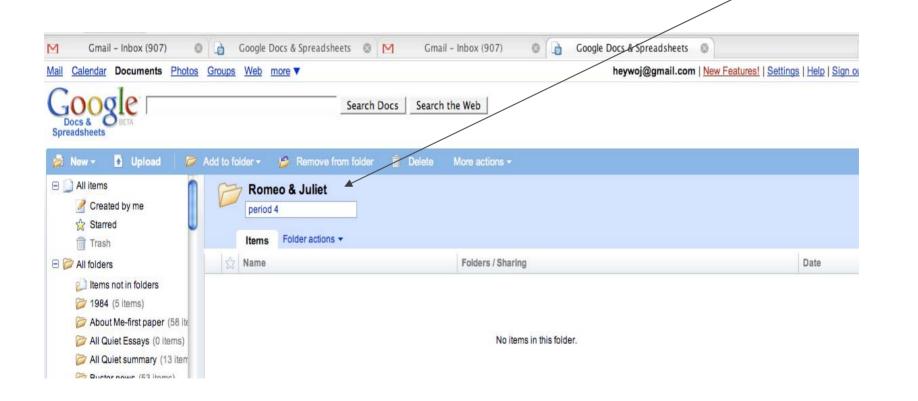
You might want to put class period



EACH ESSAY CAN HAVE A FOLDER



You can save each essay folder within the class folder



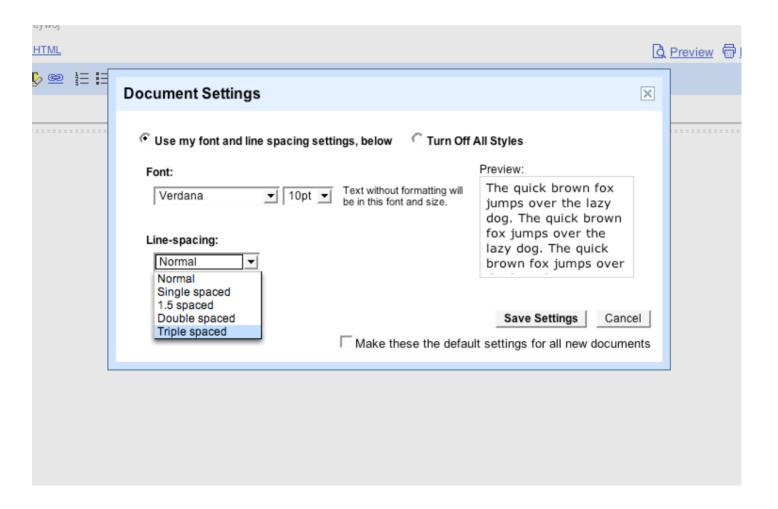


The previously available sorting function will return by the end of August. Docs & Spreadsheets team members are working hard to revise it and make it more powerful and easier for teachers

SOME TIPS



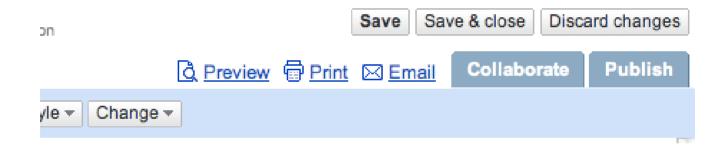
Students can change spacing and font



PRINTING TRICKS



To print a document, student must select print from the tool bar menu or the document will not print properly. Do not use print from the file menu



Groups: the way to communicate with the class Google





46

Easy to set up a Group

Send students assignments, reminders, articles

heywoj@gmai Create a group 1 Set up group 2 Add members Name your group Create a group email address @googlegroups.com Group web address: http://groups.google.com/group/ Write a group description Letters remaining: 300 This group may contain content which is only suitable for adults. Choose an Access level Public - Anyone can read the archives. Anyone can join, but only members can post

Example of Group Discussions



Any student in class can post





New Features for Gmail users

✓ Option to open the email attachment as a Google Document

✓ Option to open PowerPoint presentations as a slide show

Spreadsheet ideas

Ideas other than math

Grades

- Teachers keep track
- •Students keep track

Expenses

- * on a trip
- * for a party
- * weekly expenses
- •plan a trip including places to stay & prices
- •plan for college expenses
- keep track of homework assignments
- •keep track of class assignments
- writers: write down ideas
- •friends' contact information
- collegues contact information
- Track Group work info
- Mailing lists



AN EXAMPLE OF SPREADSHEETS

Checkbook exercise using Spreadsheets

checkbook Autosaved at May 20, 2007 6:02:15 PM GMT-11:00

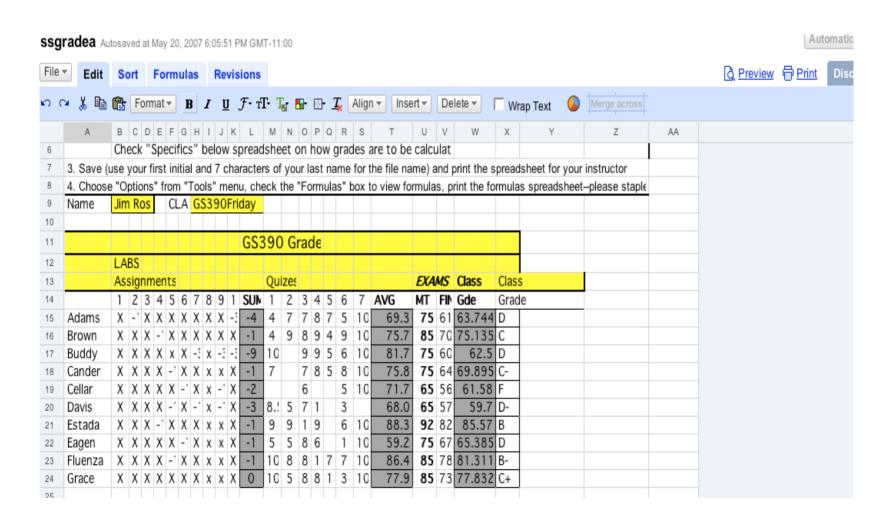
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12	1/2	451	Mervyn's - card payment	100.00		\$900.00			
13	1/12	452	CSB - tuition	250.00		\$650.00			
14	1/15	453	GEB - textbooks	100.00		\$550.00			
15	1/18	454	CSB - parking	27.50		\$522.50			
16	1/3	455	Floyd's - pipe	20.21		\$502.29			
17	1/5		DEPOSIT - weekly check		250.00	\$752.29			
18	1/5	456	Mom - loan	1000.0		(\$247.71			
19	1/6	457	Albertson's - groceries	150.51		(\$398.22			
20	1/7		DEPOSIT - from Mom		1000.0				
21	1/10	458	Long's - prescription	43.56		\$558.22			
22	1/12	459	Bakersfield Californian	4.50		\$553.72			
23	1/12		DEPOSIT - weekly check			\$803.72			
24	1/19		DEPOSIT - weekly check		250.00	\$1,053.7			
25	1/20	460	Broadway - coat	150.43		\$903.29			
26									



ANOTHER EXAMPLE OF SPREADSHEETS



A WAY TO KEEP GRADES



More ideas for using Spreadsheets



Real time Data Sites

Weather information

Energy Statistics

Global Warm statistics

US Census Data

Uniform Crime Reports

Countries of the World

World Geospatial Data

Collaborating on a Spreadsheet



CHAT IS AVAILABLE TO SPREADSHEET USERS

DISCUSS IS AVAILABLE IF MULTIPLE USERS ARE VIEWING THE SAME SPREADSHEET

Music to an English teacher's ears....



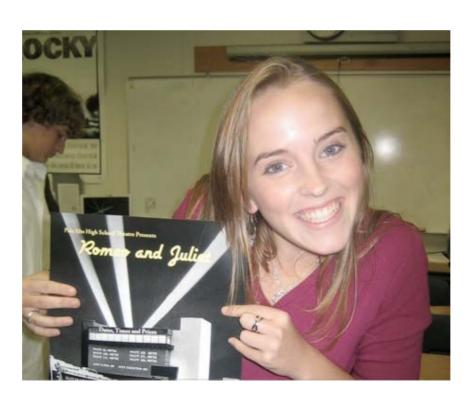
Please, please..... can we work on our Romeo and Juliet paper today.

— Gracie and Maya, 9th graders



Students Love It

It changes attitudes about writing!!



Thanks for your attention



For further information contact me at

Heywoj@gmail.com

Or

Ewojcicki@gmail.com