Google Apps:

- These are the resources and programs to which your Gmail Account grants you access

Gmail

- Email Groups (classes)
- Class Folders

Google Docs/Drive

- Cloud Storage: Access files from anywhere with internet access
- Upload files (ppt./docs/spreadsheets) you have created to share with students
- Students can collaborate on document at the same time
- Students can leave comments, annotate, and markup documents
- Teachers can leave feedback to students
- Embed hyperlinks/hypertexting creates a deep, live, and dynamic electronic document
- Use forms to create:
    - Surveys
    - Tickets in/out of class/formative assessment
    - Take roll
    - Quizzes (you will have to grade them)
    - Collect information

Calendar

- Create a class calendar with due dates (invite your students, or embed it in a class website)
- Invite students to special events
- Have students setup own calendars to replace planners
- Students can view activities calendar to layout study schedule for the week

Google Plus/ You +/Orkut

- Basically, Google's Facebook (most students are on Facebook)
- Create an online presence, build a professional brand
- Connect with other educational professionals and trade ideas
- Coaches can use it as a way to stay on top of their students

Google Play

- This is the reimagining of Android Market (analogous to Apple's App Store)
- 100,000s of programs (many free)
- Yeah, there's an app for that (anything)
- Free apps are the near future of Ed. Tech.

YouTube

- Subscribe to educational channel (examples: History, Discovery)
- Create your own channel of
    - Favorite videos from YouTube (organize the ones you use for class)
    - Create a video lecture series (or focus lessons) and flip your classroom
    - Have student record their presentations
    - Record your class for students that miss class
    - Create an online conversation, have students leave video comments on each others' work
    - Limited video-editing and captioning available

Google Translate

- One of the best online translators
- Translate between many world languages

Google News

- Reliable and accessible new source that allows students to stay on top of current events
- Hypertexting allows students to delve deeper into topics that interest them making reading more enjoyable and engaging.

Google Books:

- The goal of Google Books is to digitize every book made
- Millions of free books available
- Millions of books available for purchase (trying to compete with Amazon)

Blogger

- Setup a class blog
- Have students create electronic journals

Google Reader

- Repsone to Twitter
- Find and follow online bloggers, groups, and news sources that publish on topics that are interesting to you
- Reader creates a continuous feed of information tidbits tailored to your tastes
- Could be used to make reading more engaging for students
- Or to help you as an educator stay on top of current trends in your field

Picasa

- For image storage and viewing

- Can create online albums of uploaded images
- Students can create portfolios or conveniently store images
- Stores up to 1024 MB

Google Chrome

- A simple, yet elegant web browser made by Google (to compete with Safari, Firefox, and Explorer). Many of your students may prefer to use this.

Google Talk

- Instant messenger built right into your Gmail
- Can chat with anyone in your network (this school) as long as they are signed into their Google Account
- I would watch for students using this to chat while you are teaching
- You can also download a video chat plug-in that is intended to function like Skype
- Bring in experts as "digital guests/presenters" into your classroom
- Allows students to communicate with each other synchronously that is not face-to-face (this could be handy on take-home projects)

Google Sites

- An easy way to create a website that is integrated with other Google Apps (such as Youtube, Calendar, Docs, etc.).
- Create a class, assignment, or project website
- Have students create a website as a form of authentic assessment

Google Groups

- Sort your students into online groups for discussions

Google Scholar

- Google Response to online research databases (such as Jstor and EBSCOHOST)
- Search digitized scholarship, journal articles, etc.

Google SketchUp

- Allows you to draft 3D models relatively quickly and easily
- This feature has been integrated with other Google Apps, such as Google Earth (online contributors have modeled most major cities)

Google Maps/Earth/Panoramio