ANATOMY HISTOLOGY PROJECT

Histology projects will be arranged as a portfolio including labeled drawings and thorough information regarding the four types of tissues. Much of your information will be gathered through outside sources such as the internet. The project should include the following: a cover page, a table of contents, one page per tissue, and a cited works page. For each tissue, include an actual picture of the tissue (from the internet), a colored and labeled drawing of the tissue, a description of the form and function of each tissue, and the location(s) of the tissue. See example below. Pages should be typed! NOTE: The more professional the final product, the better the grade.

The following tissue types need to be included in your portfolio:

**Epithelial Tissues**
- Simple Squamous
- Simple Cuboidal
- Simple Columnar
- Pseudostratified Columnar
- Stratified Cuboidal
- Transitional
- Stratified Squamous

**Connective Tissues**
- Loose Connective
- Adipose
- Dense Connective
- Hyaline Cartilage
- Bone
- Blood

**Muscular Tissues**
- Skeletal
- Smooth
- Cardiac

**Nervous Tissue**
- Brain
- Spinal Cord
- Peripheral

Helpful Websites:
- [http://www.siumed.edu/~7Edking2/intro/4basic.htm](http://www.siumed.edu/~7Edking2/intro/4basic.htm)
- [http://www.kumc.edu/instruction/medicine/anatomy/histoweb/index.htm](http://www.kumc.edu/instruction/medicine/anatomy/histoweb/index.htm)
- [http://cal.vet.upenn.edu/histo/tissuetypes.html](http://cal.vet.upenn.edu/histo/tissuetypes.html)
- [http://www.uoguelph.ca/zoology/devobio/210labs/histo1.html](http://www.uoguelph.ca/zoology/devobio/210labs/histo1.html)
- [http://www.technion.ac.il/~mdcourse/274203/lectures.htm](http://www.technion.ac.il/~mdcourse/274203/lectures.htm) ---pictures at the bottom of each page.
Anatomy & Physiology Group Presentation Project

For this project, students will be divided into “organ” groups, and will use Google Presentations to make an online report. Each report will require a title page, at least three different pictures of the respective organ, a list of each tissue found in the organ along with representative pictures, a description of the form and function of each of the tissue types found in the organ, and a video not to exceed five minutes in duration. The following organs will be covered:

- Brain
- Stomach
- Pancreas
- Kidneys
- Liver
- Heart
- Lungs
- Small Intestines
- Large Intestines
- Bladder (including urethra)

Students will be graded on the following criteria:
- description of form of each tissue
- description of function of each tissue
- pictures of each tissue
- pictures of organ
- video
- presentation design
- title page

Peer Grading/Review
- I will post a link to each of the presentations.
  - You will review each presentation and leave two comments:
    - one thing you liked
    - one thing you would like to see done better.
  - Each group will then be given time to review the comments and change their presentation based on the comments.
- You will show your presentation in class.
- You will also be responsible for grading other groups presentations using a rubric that is provided for you.
Google Presentation Instructions:
1. You must have a Gmail account (Google Account) http://www.google.com/
3. When signed in, click "Documents" on the top tool bar.
4. Click the “Create” button on the top Left of the Screen
5. Click “Presentation” to begin the powerpoint.
6. Use the “Share” button to add the gmail of your lab partners. Make sure they have editing abilities.

Sign in to your account or register for an account.
Select **Documents** or **Drive**

Select **Create**
Select **Presentation**

Select **Share**
Under “Who Has Access” select **Change**

Select “Anyone with the link” and **Save**
Add your group members gmail addresses and make sure to give them editing priveleges.

Once this is done you each member of the group will be able to edit each others pages and work online at the same time if necessary. From here, brainstorm with your group and create your project. Once you are done, send me the link to your project.