

**Biology I**  
**Mrs. Gensburg**  
**First Nine-weeks Project**

**Project is due Wednesday November 3, 2010**

Students will make a “model of a cell.” The following are some ideas on how to complete this project. Students are not limited to these ideas and are encouraged to branch out. Mrs. Gensburg must approve all ideas prior to beginning work.

Students may make a 3-D poster, power point presentation, song, poem, cake, 3-D model.

Students must pick to make either a plant or an animal cell. The following parts (organelles) must be included in the cell.

Plant

Nucleus  
Nucleolus  
Cell Membrane  
Cytoplasm  
Ribosome  
Chromosomes  
Endoplasmic Reticulum  
Golgi Apparatus  
Lysosome  
Vacuole  
Mitochondria  
Chloroplast  
Cell Wall

Animal

Nucleus  
Nucleolus  
Cell Membrane  
Cytoplasm  
Ribosome  
Chromosomes  
Endoplasmic Reticulum  
Golgi Apparatus  
Lysosome  
Vacuole  
Mitochondria

All projects must include pictures, labels, and job descriptions of the organelles. The job descriptions of the organelles must be either hand written or typed. (The job descriptions will not be a computer print out of a website with the definitions.)

*Monday October 11<sup>th</sup>*: Project assigned in class.

*Wednesday October 13<sup>th</sup>*: A written piece of paper stating how the students will represent their cell. (5pts)

*Monday October 11<sup>th</sup> and Tuesday October 12<sup>th</sup>* : Days in the computer lab.

*Wednesday November 3<sup>rd</sup>*: Project Due

*Wednesday November 3<sup>rd</sup>*: Students will present the projects. (All projects not presented will receive an automatic deduction of 10 points.)

**See opposite side for grading rubric.**

LATE PROJECTS WILL GO DOWN ONE LETTER GRADE FOR EACH DAY LATE.

For example, projects turned in on Thursday will earn a grade no higher than a “B.”

**Job Descriptions directly printed or copied and pasted from a web site will not be accepted.**