

Photosynthesis, Respiration, Cell Communication, and Cell Cycles Projects

Begin Projects Monday, October 17, 2005. Projects due Monday, October 31, 2005

You and your partner will be assigned a specific topic

Your task is to

- Prepare an outline and vocabulary list related to your topic.
- Prepare an annotated list of WebSites
- Develop a PowerPoint presentation on the topic (12 slides maximum).
- Present your PowerPoint to the class.
- Prepare multiple choice questions for the topic
- Individually organize, interpret, and discuss information related to the topics.
(Multiple Choice and Essay Tests)

Topics:

- Respiration (Chapter 9)
- Photosynthesis Light Reaction (Chapter 10: 181—190)
- Photosynthesis Dark Reaction (Chapter 10: 190—200)
- Cell Communication (Chapter 11)
- Cell Cycles (Mitosis) (Chapter 12)
- Cell Cycles (Meiosis) (Chapter 13)

Grading:

Outline:	1 page, typed, 10-point font Stored online in <i>Cells</i> Folder (APBio Nuno in Shared Folder)	10
Vocabulary list:	1 page, typed, terms in bold, 12-point font Stored online in <i>Cells</i> Folder (APBio Nuno in Shared Folder)	5
WEB SITES	1 Page, typed, 10-point font, Name of site in bold, URL hyperlinked, description (5 sentences minimum) Stored online in <i>Cells</i> Folder (APBio Nuno in Shared Folder)	10
Group participation:	Group members work as a team, dividing and sharing work, discussing the topic, and teaching each other how to use technology as necessary, etc.	20
PowerPoint:	12 slides maximum (including title and SOURCES page) Use images and key terms/ideas/ concepts Slides should NOT be TEXT-DENSE (do NOT cut and paste from internet sources....all text must be in YOUR Words. You may cut and paste images as necessary. Cite sources for information, images, diagrams, etc Stored online in <i>Cells</i> Folder (APBio Nuno in Shared Folder)	25
Oral Presentation:	In Class: October 13~15 20 minutes maximum: Describe and highlight the important points and concepts about the topic Use PowerPoint to enhance your presentation...DO NOT READ THE SLIDES at your audience. You should be able to explain any diagrams and terms that you use.	20
Multiple Choice Questions	10 using vocabulary terms, 10 based on concepts Stored online in <i>Cells</i> Folder (APBio Nuno in Shared Folder)	10
Individual Assessment:	In Class on Friday, November 4, 2005. 75 multiple choice questions (taken from questions generated by groups) 1 graphing/essay question	100