

Biology Labs Course Planner for 2009-2010 – Tenth Grade

- Teacher reserves the right to change this Course planner and update the website as deemed necessary.

Experiment Number	Boys/Date	Girls/Date	Description of the Lab	Reference/Source
			Safety in the Biology Laboratory; Safety Contract; Recognizing Laboratory Safety; Identifying Laboratory Equipment	Biology Lab Manual A, pp 7-12; 19-22; 23-27.
1			Making Metric Measurements	Biology Lab Manual A, pp 27-30
2			Using a Compound Light Microscope – wet mounts	Biology Lab Manual A, pp 35-40; plus Internet Handouts
3			Using Graphing Skills	Biology Lab Manual A, pp 49-54
4			Dichotomous Keys: Using and Constructing a Classification Key	Internet Handouts; Biology Lab Manual A, pp 147-152
5			Experiment Variables Worksheet	Handout
6			Indicators and Stains	Handout
7			Diffusion through a Membrane	Handout
8			Paper Chromatography	Handout
9			The Beaks of Finches	Handout
10			Acid Base lab - Environmental pH	Handout
11			Potato Osmosis Lab	Handout
12			Exercise and Cellular Respiration	Quick Lab: Text Book Page-231

13			Measuring Lung Capacity	Biology Lab Manual A, pp 261-266
14			Observing Nervous Response	Biology Lab Manual A, pp 249-253
15			Identifying Organic Compounds	Biology Lab Manual A, pp 59-64
16			Extraction of DNA from Onion	Handout
17			Observing Specialized Cells	Prepared Slides

(Original: 7/27/2009)