

3. GETTING YOUR NOTES READY FOR SEPTEMBER– due first day of class

I find that many students are visual learners. This means that they learn by seeing graphs, charts, or graphics. I love the Miller & Levine book that you may have used previously in your Biology class. The table below lists the figures that I want you to draw. This way you have them when we go over that topic in class. Although simpler than a college text, the basics are nicely demonstrated in Miller & Levine. It will be your responsibility to add to this info to your notes when we reach the unit in AP. Each figure should be on its own piece of 8x11 white paper. Yes, I know it is a lot of paper, but you will be able to write notes from class next to your figure! Write the title and explanation next to each figure. Some figures are easy and could be done in 5 minutes. Others are a little more detailed. For each, take your time and think about what you are drawing. Hopefully some memories will come back to you. Feel free to read the section in the text and take additional notes on the figure. Remember, the more work you put in, the better prepared you will be in class when we go over the information.

Page	Figure Number	Description
46 - 48	2-14 thru 2-17	Carbohydrates, Lipids, Nucleic Acids, and Amino Acids
161	6-8	Biological Magnification
201	7-11	Making Proteins
204	7-13	Cell Membrane
211	7-18	Effects of Osmosis
212	7-19	Active Transport
226	8-1	ATP Molecule
231	8-5	Chloroplast (right most picture only)
233	8-7	Photosynthesis
237 & 238	8-10 & 8-11	Light Dependent Reactions & Light Independent Reactions
252	9-2	Overall Cell Respiration
255	9-4	Glycolysis
257	9-5	Krebs Cycle
259	9-6	ETC
260	9-7	The Totals
263	9-8	Fermentation
281	10-7	Cell Cycle
285	10-13	Mitosis
314	11-7	Segregation and Probability
317	11-9 & 11-10	Two Factor Crosses
324 & 325	11-15 & 11-16	Meiosis I & Meiosis II
351	12-8	DNA replication
363	13-2	RNA Types
364	13-3	Transcription
365	13-4	Introns & Exons
368 & 369	13-7	Translation
373	13-11	Mutations
374	13-12	Chromosomal Mutations
378	13-16	Lac Repressor
379	13-17	Tata Box
424	15-8	Recombinant DNA
425	15-10	Plasmid DNA / Transformation
468	16-14	Homologous Limb Bones
483	17-2	Alleles in a population
489	17-7	Selection