

AP BIO "To Do" List- Unit 2 (Chapters 4 and 5)

HOUSEKEEPING:

- ☐ Body system project- **NERVOUS SYSTEM DUE FRI 10/20**
- ☐ Complete Unit 1 test corrections by **FRI 10/27 3:30 (Must be done in my room)**
- ☐ Body system project- **EXCRETORY SYSTEM DUE MON 10/30**

NOTHING IN BIOLOGY MAKES SENSE EXCEPT IN THE LIGHT OF EVOLUTION

- ☐ Watch PBS video - "How Does Evolution Really Work? **BY MON 10/16**
- ☐ Take notes in BILL and answer ?'s **DUE MON 10/16**

CHAPTER 4- Cell parts & Function

- ☐ Read Chapter 4 and review what you learned about CELLS in Honors Bio/Bio I & II
- ☐ Download "Cell parts I should know from Bio" Powerpoint and review
- ☐ Download "Cell parts you didn't learn in BIO" Powerpoint - **go over in class WED 10/11**
- ☐ BILL-Endosymbiotic theory **IN CLASS MON 10/16**
- ☐ Old Bio/Honors Bio Cell Structure Function ?'s **DUE WED 10/18**
- ☐ BILL- Cell organelle comparison chart **DUE MON 10/23**
- ☐ Cell parts VENN **due TUES 10/24**

CHAPTER 5- Cell membranes & Transport

- ☐ Read Chapter 5 and review what you learned about TRANSPORT in Bio I & II
- ☐ Membrane Transport modeling **IN CLASS** _____
- ☐ BILL- Membrane Transport organizer **DUE**
- ☐ Campbell Online Textbook:
 - ☐ Complete Investigation-"How do Salt Concentrations Affect Cells?" **BY** _____
- ☐ Lab Bench website (link on Homework Calendar): complete Lab #1 tutorial by _____
- ☐ Osmosis Diffusion Lab _____
- ☐ Tonicity comparison **DUE** _____
- ☐ Nerve/Muscle cell transport **DUE** _____
- ☐ Osmosis Challenge **DUE** _____
- ☐ Water Potential problems **DUE** _____
- ☐ Lab 4: Jello lab **DUE** _____
- ☐ Lab 4: Potato Osmosis Lab **DUE** _____
- ☐ Watch Mr. Knuffke's PREZI on Cell communication (link on Homework Calendar) by _____
- ☐ Cell Signaling project **DUE** _____
- ☐ BILL-Cell signaling Comparison **DUE** _____

SCIENTIFIC METHOD

- ☐ Watch Bozeman video- AP Practice 2: Using Math Appropriately & take notes in BILL **DUE** _____
- ☐ Watch Bozeman video-Statistics for Science & take notes in BILL **DUE** _____
- ☐ BILL- 2014 FRQ graphs a & b **DONE IN CLASS** _____
- ☐ Mutagen mice- BILL ?'s **DUE** _____
- ☐ Mark Essential Knowledge for THIS UNIT in lime green Course Description book
- ☐ **STUDY FOR CHAPTER TEST (Chapters 4, 5, 16)** _____