KEEP IN BINDER

August - September 2018

AP BIO

Monday - C	Tuesday - A	Wednesday - B	Thursday - A	Friday - B
13 - Welcome - Syllabus - Lab Coat Activity - HW: Turn in C o C & Class forms	14 -	15 - Summer HW due - Forms - Binders - Lab Safety - Principles of Life Lecture - HW: Turn in Safety Contracts, C o C, & Class forms	16 -	17 - Binders - Inquiry Cube Activity - Discuss Mastering Bio (MB) - HW: Turn in Safety Contracts, C o C, & Class forms, sign up for MB, Inquiry Cube Report
20 - Turn in forms, contract, & Inquiry Cube Report - Basic Chemistry Lecture - HW: Turn in Safety Contracts, C o C, & Class forms, Lookup: difference between standard deviation and standard error and take notes on interpreting error bars (video for SD and SE, ppt on SD and SE)	21 -	22 - Water Lecture - Create Water Molecule Models to illustrate how it interacts - Annotated drawings for how water moves up a tree & why pond water doesn't freeze - Carbon Lecture - HW: WIS and WIM activity instructions, (Complete with graph & practice graphing activity)	23 -	24 - Macromol. Chart Notes - Pattern Matching: Macromolecule Models - HW: Concept Map S/F of Macro, rate of change worksheet, Animal Beh. Prelab with http://www.phschool.com/science/biology_place/labbench/lab11/intro.html, decide what you are testing with lab group - exchange info for prelab!
27 - Chi-Square Lesson: Watch Chi Square Analysis 1 (click here) 11 min, Watch Chi Square Analysis 2 (click here) 40 min, FORMULA SHEET, chi square intro, example problem, pill bug chi square template - HW: Animal Beh. Prelab, watch reading video (10 min): 2-3 takeaways	28 - Check for prelab - Animal Behavior Lab - HW: Animal Beh. Postlab due 10/4 (also complete, print, and attach Lab quiz from http://www.phschool.com/science/biology_place/labbench/lab11/intro.html), Toothpickase Prelab due next class	29	30 - Turn in hw - Check for prelab - Toothpickase Lab - HW: Toothpickase Postlab due 10/4, "A Can of Bull…" Case Study due next class	31

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3 NO SCHOOL - LABOR DAY	4 - Wrap Up Unit 1 - Unit 1 Test Review - HW: Finish review to turn in next class	5	6 - Turn in Review & postlabs (2) - Unit 1 Test #1 (45 min) - Begin Unit 2: Cell Lecture Part 1: Organelles - HW: Concept map euk. vs. prok., Bozeman: Compart. - view/be ready to discuss	7
10 - Turn in concept map - In class Quizizz on Cell Types & Organelles - Discuss Bozeman - HW: Diffusion & Osmosis Investigation 4 Prelab due 10/13	11 - Turn in concept map - In class Quizizz on Cell Types & Organelles - HW: Diffusion & Osmosis Investigation 4 (PART 1 ONLY) Prelab due 10/13	12 EARLY DISMISSAL	13 - Check prelab - Diffusion & Osmosis Lab (PART 1 ONLY) - HW: Diffusion & Osmosis Investigation 4 (PARTS 2 & 3) Prelab due 10/20	14
17 NO SCHOOL - Staff Development Day	18 - Cell Lecture Part 2: Membranes - Construct a membrane for scenario prediction & analysis - HW: D/O Investigation 4 (PARTS 2 & 3) Prelab due 10/20	19	20 - Check prelab - Diffusion & Osmosis (PARTS 2 & 3) - HW: D/O Postlab due 10/25, Annotate/label membrane from last class to justify why and how D/O are essential to unicellular & multicellular organisms due 10/25	21
24 - Cells & Membrane Test Review in class - HW: D/O Postlab, Annotate/label membrane to justify why & how D/O essential to uni & multicell.	25 - Cells Test #2 (1 hr) - After test/HW: Cell Signaling Video/Lecture Notes	26	27 - Cell Signaling Pathways with Friends Activity - HW: Predict what would happen if “someone (cell) didn’t do their job” for signaling	28