Bio B Spring 2015 Monday	Tuesday	Wednesday	Thursday	Friday
March 16 -Seating assignments -Syllabus -Goals -Safety Guidelines -Bio themes	17 -NOVA: The Secret of Photo 51 video and movie questions	18 -COL DNA -DNA Model building	19 -Study 10 minutes then take safety quiz and go over answers. -Genetics Introduction Unit reading guide (Ch 11)	20 -Genetics Introduction Unit Reading Guide (Ch 11)
30 --Molecular Biology Ppt. with animations -Making Proteins model: Includes Transcription and Translation practice w.s.	31 -COL Protein synthesis -DNA, Transcription and Translation concept review w.s.	**April 1** -Mutations Ppt. and worksheet	2 -COL Chromosomes -COL Meiosis -Drawing Meiosis w.s.	3 Comparing Meiosis and Mitosis
6 Introduction to Genetics portfolio	7 Test Introduction to Genetics	8 Human genome project (Video Questions)	9 Genetics unit reading guide (Chapter 10 & 12) work time	10 -Dogs and More Dogs (movie and questions)
13 **In-Service**	14 -Genetics simple 1 Ppt. -Punnett Squares and Monohybrid crosses	15 -Monohybrid corn (stamped)	16 -Genetics Dihybrid Ppt. -Dihybrid cross practices w.s. -Dihybrid corn lab	17 -Investigation: Human Genes lab

20 -Face Lab * stamped	21 -Pedigrees Ppt. -Thacker's family Height	22 -Genetics Complex Ppt -Complex inheritance w.s -Investigation into Human	23 GATTACA	24 **(PERS 9:30)** -Finish GATTACA - Genetics Portfolio
27 -Test Complex Genetics	28 -Evolution guided reading work time	29 -Introduction to evolution Movies: Theory, Happens, Works, Matters & Darwin -Essential questions rotations	30 Origins: How Life Began (Nova Origins: PBS streaming)	**May 1** In-service/Grading **(HR 3:30)**
4 Geological Time Line -Part 1 (4.6 billion)	5 Finish Geological Time Line -Part 2 (510 million) -Geological Time Line Interpretation questions	6 -Extinction video and questions (PBS evolution)	7 -Darwin Background Ppt. & Introduction to Darwin Notes (evo-2) -Start Darwin's Dangerous Idea -Part 1 video and questions (PBS evolution)	8 Darwin's Dangerous Idea -Part 2 video and questions (PBS evolution)
11 -Evidence and Mechanisms for Evolution Ppt and w.s. (evo-3 & 4)	12 -Great transformations video and questions (PBS evolution)	13 -Using Amino Acid Sequences (Similarities and differences)	14 -Bird beaks activity -Five fingers of evolution-Paul Andersen-You tube	15 -Evolutionary arms race (PBS evolution)

18 -Evolution Portfolio	19 -Evolution Test	20 -Classification guided reading	21 -How can organisms be classified?	22 -How can a key be used to identify organisms?
25 **Memorial Day Holiday**	26 -Using and constructing a Dichotomous key	27 -Making a bracket diagram and dichotomous key (pgs. 474 & 475)	28 -Nuts, bolts and clips bracket diagram and classification key	29 -Kingdom/Phyla Ppt. Characteristics data table & Specimens list
June 1 -Organism Bracket diagram	2 -Classification key of organisms	3 -Finish Classification key of organisms	4 -Classification Portfolio	5 -Classification test -Last day to turn in any portfolio items
8 Nova: The four winged dinosaur (video)	9 -Final exam study guide Last day for re-takes	10 Finals (Periods 2 & 4)	11 Finals (Periods 1, 3 & 5)	12 Grading