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| August 2019 |  |

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| Monday | Tuesday | Wednesday | Thursday | Friday |
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| 5 | 6 | 7 | 8 | 9 |
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| **Teacher Institute** 12 | **Teacher Institute** 13 | First Day of School 14A/B | 15 A | 16 B |
|  |  | T: Intro and Policies  CW: 3 facts & procedures |  | T: Intro and Policies  CW: Goal setting; go over syllabus and procedures  HW: get syllabus signed |
| 19 A | 20 B | 21 A | 22 B | 23 A |
|  | T: Lab Safety  CW: Pre-Test, Lab Tour, Safety Contract, Books?  HW: Signed Contract |  | T: Scientific Thinking  CW: LS quiz, nature of science puzzle, Elephant poem, Monty Python clips, inquiry cubes |  |
| 26 B | 27 A | 28 B | 29 A | 30 B |
| T: Scientific Thinking  CW: case of the sleeping frog, Sci Method notes, Redi’s Exp, IV/DV practice |  | T: Experimental Design  CW: SAT Practice q’s, What makes a good experiment review, Experimental Design Prompt with partner  HW: |  | T: Graphing  CW: Graphing Notes, Scaling, Set up a Graph,  HW: Make a graph (give out copy of random data from previous years) |

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| September 2019 | 2015 |

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| **Labor Day – No School** 2 | 3 A | 4 B | 5 A | 6 B |
|  |  | T: Graphing  CW: review graphing and what makes a good experiment, Heart Rate Lab  HW: Finish Analysis Questions |  | T: Graphing  CW: IV/DV Graph quiz; org of life notes; card sort; pyramid  HW - |
| 9 A | 10 B | 11 A | 12 B | 13 A |
|  | T: Characteristics of Life  CW: Card Sort, Notes, glue gobblins  HW - TBD |  | T: Homeostasis  CW: finish notes; Homer Lab, Homeostasis POGIL  HW – Finish POGIL |  |
| 16 B | 17 A | 18 B | 19 A | **Early Dismissal – SIP** 20 B |
| T: Review  CW: In-class Review, Study Guide  HW: Study for Test |  | **Scientific Method & Characteristics of Life Assessment** |  | T: Limits to Cell Growth  CW: SA:V Practice; box lab  HW: Finish SA:V Practice |
| 23 A | 24 B | 25 A | 26 B | 27 A |
|  | T: Cell Division  CW: Egg Lab; Getting rid of waste demo; notes  HW: Lab Analysis ?s |  | T: Cell Division/Mitosis  CW: notes, Cell Cycle POGIL  HW: Finish POGIL |  |
| 30 B |  |  |  |  |
| T: Cell Division/Mitosis  CW: Modeling Mitosis  HW: Review Questions |  |  |  |  |
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| October 2019 |  |

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| Monday | Tuesday | Wednesday | Thursday | Friday |
|  | 1 B | 2 A | 3 B | 4 A |
|  |  | T: Cell Division/Meiosis  CW: Meiosis Vocab and Practice  HW: Meiosis Practice |  | T: Cell Division/ Meiosis  CW: Review Meiosis; Compare/Contrast MI and MII,  HW: |
| 7 B | 8 A | 9 B | 10 A | 11 B |
|  | T: Putting it all together/ Review  CW: Comparing Mitosis and Meiosis; In-class Review, Study Guide  HW: Study for Test |  | **Cell Division**  **Assessment**  HW: Genetics Flashcards |  |
| **No School** 14 | 15 A | 16 B | 17 A | 18 B |
| Columbus Day | T: Genetics – Genotype/Phenotype  CW: Vocab, Self-Observation Lab  HW: Vocab Practice |  | T: Punnett Squares  CW: Vocab Quiz, Punnett Squares, Dihybrid  HW: Practice Problems |  |
| 21 A | 22 B | 23 A | 24 B | 25 A |
| T: Beyond Mendel  CW:Incomplete, Codominance, Multiple Alleles Notes and Practice  HW: Practice Problems |  | T: Sex-linked Traits  CW: Notes and Practice  HW: Practice Problems |  | T: Pedigrees  CW: Notes and Practice  HW: Practice Problems |
| 28 B | 29 A | 30 B | 31 A |  |
|  | T: Mutations/Karyotypes  CW: Notes and Practice  HW: Practice Problems |  | T: Review  CW: In Class Review  HW: Study Guide |  |

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| November 2019 |  |

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| Monday | Tuesday | Wednesday | Thursday | Friday |
|  |  |  |  | 1B |
| 4 A | 5 B | 6 A | Early Dismissal – PTC 7 B | No School – PTC 8 |
| **Genetics Assessment**  HW: Color Nucleotides |  | T: DNA Structure  CW: Paper Modeling  HW: Finish Modeling and Analysis Questions |  |  |
| 11 A | 12 B | 13 A | 14 B | 15 A |
| T: DNA Replication  CW: Replication Modeling, Transription/Translation Preview  HW: DNA Structure POGIL |  | T: Transcription  CW: Transcription/RNA Notes and Practice  HW: Transcription Practice |  | T: Translation  CW: Translation Practice, Protein Synthesis Modeling  HW: Protein Synthesis Practice |
| 18 B | 19 A | 20 B | 21 A | 22 B |
|  | T: Mutations  CW: Quick Lab for Mutations, In class review  HW: Study Guide |  | **DNA Assessment** |  |
| No School 25 | No School 26 | No School 27 | No School 28 | No School 29 |
| **Teacher Institute** | **Teacher Institute** |  |  |  |

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| December 2019 |  |

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| 2 A | 3 B | 4 A | 5 B | 6 A |
| T: Biotechnology  GATTACA/ Designer Babies/ |  | T: Biotechnology  GATTACA/ Designer Babies/ |  | T: Biotechnology  GATTACA/ Designer Babies/ |
| 9 B | 10 A | 11 B | 12 A | 13 B |
|  | T: Post-Test Review  CW: Make Kahoot Review |  | Post-Test Review |  |
| 16 A | 17 B | 18 A | 19 B | Early Dismissal – SIP 20 A |
| Post-Test Review |  | **Final Exams** | **Final Exams** | **Final Exams** |
| No School 23 | No School 24 | No School 25 | No School 26 | No School 27 |
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| No School 30 | No School 31 |  |  |  |
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| January 2020 |  |

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| Monday | Tuesday | Wednesday | Thursday | Friday |
|  |  | No School 1 | No School 2 | No School 3 |
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| 6 A | 7 B | 8 A | 9 B | 10 A |
|  | T: Levels of Organization  CW: Levels of Org. Notes Biome Drawing  HW: Active Reading |  | T: Food chains/webs  CW: Food web practice  HW: Food web practice worksheets |  |
| 13 B | 14 A | 15 B | 16 A | 17 B |
| T: Species Interaction  CW: Vocab Quiz, Active Reading: Interactions, Relationships WS  HW: Relationships WS |  | T: Ecological Succession  CW: Vocab Review, Succession POGIL  HW: Finish POGIL |  | T: Population Dynamics  CW: Population Growth Activity  HW: Finish activity questions |
| No School 20 | 21 A | 22 B | 23 A | 24 B |
|  |  | T: Review  CW: In class review and Study guide  HW: Study guide |  | **Ecology**  **Assessment** |
|  |  |  |  |  |
| 27 A | 28 B  T: Energy  CW: 8-1 & 8-2 GR  HW: | 29 A | 30 B  T: Energy/ Photosynthesis  CW: What makes the mass of a tree?  HW: Photo POGIL | 31 A |

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| February 2020 |  |

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| 3 B | 4 A | 5 B | 6 A | 7 B |
| T: Photosynthesis  CW: Chlorophyll Graph Photosynthesis Poster  HW: Finish poster |  | T: Cellular Respiration  CW: Cell Resp. Notes; BTB Lab – Day 1  HW: CR Book work |  | T: Cellular Respiration  CW: Cell Resp Poster, BTB Lab – Day 2, Foldable; CR Poster; Ffermentation Notes  HW: Finish POGIL |
| 10 A | 11 B | 12 A | 13 B | Early Dismissal – PTC 14 A |
|  | T: Fermentation  CW: BTB Lab – Day 3, In class review; Venn Diagram Photo/CR  HW: BTB Lab Analysis Questions |  | T: Cycles of Matter  CW: Water Cycle, Carbon Cycle POGIL  Nitrogen and Phosphorous Cycles  HW: Finish POGIL |  |
| No School 17 | 18 B | 19 A | 20 B | 21 A |
|  | T: Review  CW: In class review  HW: Study for test |  | **Energy Test** |  |
| 24 B | 25 A | 26 B | 27 A | 28 B |
| T: Evolution/Natural Selection  CW: Survival of the sneakiest  HW: Evidence for Evolution POGIL |  | T: Evolution/Natural Selection  CW: Active Reading, Natural Selection Review  HW: Evolution and Section POGIL |  | T: Evolution  CW: Bean Lab  HW: Analysis Q’s |
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| March 2020 |  |

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| 2 A | 3 B | 4 A | 5 B | Early Dismissal – SIP 6 A |
|  | T: Evolution/Adaptations  CW: Choose your own adaptation |  | T: Evolution/Hardy-Wienberg (H-W)  CW: Natural Seleciton quiz, H-W practice  HW: H-W practice |  |
| 9 B | 10 A | 11 B | 12 A | 13 B |
| T: Evolution/Hardy-Wienberg (H-W)  CW: H-W practice  HW: H-W practice |  | T: Evolution/Speciation  CW: Dog Breeding activity  HW: Speciation POGIL |  | T: Evolution/Cladograms  CW: Cladogram Practice, Inferosaurus activity |
| 16 A | 17 B | 18 A | 19 B | 20 A |
|  | T: Evolution  CW: Review  HW: Study |  | **Evolution Test** |  |
| No School 23 | No School 24 | No School 25 | No School 26 | No School 27 |
| 30 B | 31 A |  |  |  |
| T: Human Impact  CW: Research  HW: Finish project |  |  |  |  |

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| April 2020 |  |

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| Monday | Tuesday | Wednesday | Thursday | Friday |
|  |  | 1 B | 2 A | 3 B |
|  |  | T: Human Impact  CW: Research  HW: Finish project |  | T: Human Impact  CW: Presentations  HW: None |
| 6 A | 7 B | 8 A | 9 B | No School 10 |
|  | T: Human Impact  CW: Presentations  HW: None |  |  |  |
| No School 13 | 14 | 15 A | 16 B | 17 A |
|  | SAT TESTING |  | T: Biochem/Subatomic Particles  CW: Bohr Models  HW; Periodic Table Assignment |  |
| 20 B | 21 A | 22 B | 23 A | Early Dismissal – SIP 24 B |
| T: Biochem/Reactions  CW: Dehydration Synthesis Modeling  HW: 2-1 GR |  | T: Biochem/O Chem - Carbs  CW: Subatomic Particle Quia, Carb Lab  HW: Analysis Q’s |  | T: Biochem/ O Chem – Lipids  CW: Lipid Lab  HW: Analysis Q’s |
| 27 A | 28 B  T: Biochem/O Chem – Nucleic Acid & Proteins/Enzymes  CW:  HW: Atkin diet article & Q”s | 29 A | 30 B  T: Biochem/O Chem – enzymes  CW: Review  HW: Study |  |

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| May 2020 |  |

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| Monday | Tuesday | Wednesday | Thursday | Friday |
|  |  |  |  | 1 A |
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| 4 B | 5 A | 6 B | 7 A | 8 B |
| **Biochemistry Test** | 12pm AP Human Geo | Career Research Project  Research |  | Career Research Project  Research |
| 11 A | 12 B | 13 A | 14 B | 15 A |
|  | Career Research Project  Presentations |  | Career Research Project  Presentations |  |
| 18 B | 19 A | 20 B | Last Day of School 21 A | Emergency Day 22 |
|  |  |  |  |  |
| 25 | Emergency Day 26 | Emergency Day 27 | Emergency Day 28 | Emergency Day 29 |
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