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| **WEEK** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| **1***(August 26-30)***U1T1= Charac. Of Life** | **-1st day forms**-U1T1 (Characteristics of Life) Activity*Bio.1a & Bio.4a,b,e* | **Repeat day** | -Continue with characteristics of life*Bio.1a & Bio.4a,b,e* | **Repeat day** | **No school** |
| **2***(September 2-6)***U1T2= Lab Safety** | **No school** | -U1T2 (Lab Safety) focus*Bio.1f,h,i* | **Repeat day** | **-Assess U1T1 and U1T2**-U1T3 (Scientific Method) focus*Bio.1a,b,c,e,g,i,j,k,l* | **Repeat day** |
| **3***(September 9-13)***U1T3= Scientific Meth.** | -finish scientific method practice & lab*Bio.1a,b,c,e,g,i,j,k,l* | **Repeat day** | **-Assess U1T3**-Begin U1T4 (Data Analysis)*Bio.1c,d,e,f,g* | **Repeat day** | -Data Analysis Case Study (Data Nugget- Tuatara populations)*Bio.1a,b,c,d,e,f,g* |
| **4***(September 16-20)***U1T4= Data Analysis** | **Repeat day** | **-Assess U1T4**-Review entire unit*No new- all within Bio.1* | **Repeat day** | **Unit 1 Test Day** | **Repeat day** |
| **5***(September 23-27)***U2T1= Atom/Molecule** | -U2T1 (Atomic and Molecular structure)*Bio.2a,b* | **Repeat day** | **-Assess U2T1**-Begin U2T2 (Water/Properties of Water)*Bio.2a,b* | **Repeat day** | **-LAB DAY (Water Properties)***Bio.1 AND Bio.2* |
| **6***(September 30-Oct 4)***U2T2= Water** | **Repeat day** | -Complete Water Lab-Water Assessment Questions*Bio.1 AND Bio.2* | **Repeat day** | **-Assess U2T2**-Begin U2T3 (Macromolecules)*Bio.2b* | **Repeat day** |
| **WEEK** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| **7***(October 7-11)***U2T3= Macromolecules** | -U2T3 practice and review*Bio.2b* | **Repeat day** | **-Assess U2T3**-Begin U2T4 (Enzymes)*Bio.2b,c* | **Repeat day** | -U2T4 notes and practice*Bio.2c* |
| **8***(October 14-18)***U2T4= Enzymes** | **No school (TouchBase conferences)** | **Repeat day** | **Modified schedule- PSAT** | **Review day (Unit 2, Topics 3 and 4)***Bio.2b,c* | **-Assess U2T4**-Use remaining time to review unit (test next time) |
| **9***(October 21-25)***U3T1=Cell Theory** | **Repeat day** | **Unit 2 Test Day** | **Repeat day** | -U3T1 (Cell Theory and microscopes)-Begin microscope lab*Bio.3a* | **Repeat day** |
| **10***(October 28-Nov. 1)***U3T2= Cell types/parts** | -finish microscope lab**-Assess U3T1**-U3T2 notes and stations (types of cells; cell structures)*Bio.3b,c; Bio.5c* | **Repeat day** | -U3T2 Practice-U3T3 Notes (cell membrane and cell transport)*Bio.3b,c,d* | **Repeat day** | **-Assess U3T2**-Practice U3T3 (Case study and diagrams)*Bio.3b,c,d* |
| **11***(November 4-8)***U3T3= Cell membrane and transport** | **No school (Teacher Workday)** | **No school (Teacher Workday)** | **Repeat day** | -U3T3 practice (transport word problems)-U3T3 lab (osmosis in onion cells)*Bio.3d,e* | **Repeat day** |
| **12***(November 11-15)* | **No school (Veteran’s Day)** | **-Assess U3T3***-*Review and practice entire unit*Bio.3a,b,c,d,e* | **Repeat day** | **Unit 3 Test Day** | **Repeat day** |

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| **WEEK** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| **13***(November 18-22)***U4T1= Photosynthesis** | -U4T1 (Photosynthesis) introduction-compare mitochondria and chloroplast*Bio.2d; Bio.4a,c; Bio.8b* | **Repeat day** | -Continue with photosynthesis; graphing assignment*Bio.2d; Bio.4a,c; Bio.8b* | **Repeat day** | **-Assess U4T1**-U4T2 (Cellular Respiration) intro-U4T2 Notes*Bio.2d; Bio.3b; Bio.4a* |
| **14***(November 25-29)***U4T2= Cell Respiration** | **Repeat day** | -finish U4T2 Notes-U4T2 practice*Bio.2d; Bio.3b; Bio.4a* | **No school (THANKSGIVING BREAK)** | **No school (THANKSGIVING BREAK)** | **No school (THANKSGIVING BREAK)** |
| **15***(December 2-6)* | **Repeat day** | **-Assess U4T2**-Case study on U4T2-Review unit with extra time*Bio.2d; Bio.3b; Bio.4a* | **Repeat day** | **Unit 4 Test Day** | **Repeat day** |
| **16***(December 9-13)***U5T1= DNA Org./Cell Size** | -U5T1 introduction (cell size/DNA organization)-Calculate SA:V ratio practice*Bio.3e; Bio.5a,g; Bio.7b* | **Repeat day** | **-Assess U5T1**-U5T2 (Mitosis) Notes-U5T2 Practice\*2 hour delay day\**Bio.5a,c,f* | **Repeat day** | -Karyotyping intro and activity\*2 hour delay day\**Bio.5f,g,i,j* |
| **17***(December 16-20)***U5T4= Cell Cycle Reg.** | ***SNOW DAY*** | **Repeat day** | **-Assess U5T2**-U5T4 (cancer) notes and case study*Bio.4a,b,d and Bio.5a,g* | **Repeat day** | -Cancer project |
| **WINTER BREAK***(December 23-**January 3)* | **Schools closed for Winter Break** |
| **WEEK** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| **18***(January 6-10)***U5T3= Meiosis** | -U5T3 (meiosis) video and introduction-U5T3 Notes and practice*Bio.5b,f* | **Repeat day****\*2hr early release\*** | **No school (SNOW DAY)** | **-Assess U5T3**-Review unit*Bio.5b,f* | **Repeat day** |
| **19***(January 13-17)***U6T1= DNA Structure** | **Unit 5 Test Day** | **Repeat day** | -History of DNA experiments-U6T1 Intro/notes*Bio.5e,g* | **Repeat day** | **-Assess U6T1**-U6T2 Intro (DNA Replication video, intro)-U6T2 Notes *Bio.5f,g* |
| **20***(January 20-24)***U6T2=DNA replication** | **No School** | **Repeat day** | -Practice U6T2-**Assess U6T2**-Introduce U6T3 (Protein Synthesis)*Bio.5f,g,h* | **Repeat day** | -U6T3 Notes and practice*Bio.5f,g,h* |
| **21***(January 27-31)***U6T3=Protein Syn.****U6T4= Biotech** | **No school (Teacher Workday)** | **Repeat day** | **-Assess U6T3**-Notes on mutations-Practice mutations*Bio.5f,g,h,i* | **Repeat day** | -U6T4 Notes and Practice-Protein Synthesis Lab*Bio.5i,j* |
| **22***(February 3-7)***U7T1=Genetics Basics** | **Repeat day** | **Unit 6 Test Day** | **Repeat day** | -U7T1 (Genetics Basics) notes with embedded practice*Bio.5d,h* | **Repeat day** |
| **23***(February 10-14)***U7T2= Exceptions**  | -Punnett square practice-Baby Lab­**-Assess U7T1***Bio.5d,h* | **Repeat day** | -U7T2 Jigsaw (Non-Mendelian Genetics) and review*Bio.5d,e,f* | **In class presentations (BIOFEST)** |

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| **WEEK** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| **24***(February 17-21)* | **No school- President’s Day** | **Repeat day** | -U7T2 Practice-**Assess U7T2.1***Bio.5d,e,f* | **Repeat day** | -U7T2.2 (Dihybrid crosses) notes and practice-Dragon Activity*Bio.5d,e,f* |
| **25***(February 24-28)***U7T3= Pedigrees** | **Repeat day** | **-Assess U7T2.2**-Introduce U7T3 (Pedigrees)-Pedigree Practice | **Repeat day** | -More Pedigree practiceAnd review**-Assess U7T3** | **Repeat day** |
| **26***(March 2-6)* | **Unit 7 Test Day** | **No School** | **Repeat day** | **Practice SOL DAY** | **Repeat day** |
| **27***(March 9-13)***U8T1= History of Life****U8T2=Evolution** | -U8T1 (History of life) Notes-Sequence events leading to life on earth*Bio.7d,e* | **Repeat day** | **-Assess U8T1**-Begin looking at evolution (Darwin v Lamarck)*Bio.6a,c,e and Bio.7b,c,e* | **Repeat day** | -U8T2 Notes (evidence for evolution)-U8T2 Natural Selection Activity (with graphing)*Bio.6a,b,c,d and Bio.7a* |
| **28***(March 16-20)* | **School is closed- COVID-19** |