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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 practice  And 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** | | | | |