Teacher: C. Davis Week of:08/23/21 Subject: Biology Periods: All Periods

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|  | OBJECTIVES | STANDARDS  (from Pacing Guide) | ACTIVITIES | HOMEWORK | EVALUATION |
| MON | Relate properties of individual atoms to basis of bond formations  Relate polar bonds of water and the effects of Hydrogen bonding to the unique properties of water that make it critical for life on earth | ALCOS 5 | Read and Discuss sections 2.1-2.2: Bond formation and properties of water.  Define Key Terms, discuss examples of how structure of atoms determines their individual bonding properties. |  | Discussion |
| TUE | Examine the cohesive and adhesive properties of water | ALCOS 5 | Lab investigation: Cohesive and Adhesive properties of water.  Data collection |  | Discussion, class activities turned in. |
| WED | Examine the cohesive and adhesive properties of water | ALCOS 5 | Lab investigation: Cohesive and Adhesive properties of water.  Data Analysis |  | Discussion, class activities turned in. |
| THUR | Identify Solvents and Solutes.  Distinguish the differences between Acids and Bases  Evaluate the structure of Hydrocarbons | ALCOS 5 | Read and Discuss sections 2.2-2.3 : Solutions and Suspensions, pH Scale, and Carbon Compounds.  Define Key Terms, Acid and Base Demonstration, Draw and label examples of common Hydrocarbons. |  | Activity turned in |
| F  R  I | Distinguish the differences between Acids and Bases | ALCOS 5 | Virtual Lab investigation: Acids and Base Simulation PHET  Data collection worksheet |  | Activity turned in` |