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| Teacher: Runyan | Course: Biology | Period(s): 1,2,4 | Week of: / Dates: 9/3 |
| Unit Title: Biochemistry/ Cell Structure | |  |  |
| State Standards: | |  |  |

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|  | Standards | Goals | As a result of this lesson the student will be able to: | Instructional Plan | Activities (aligned, sequenced, build, time) | Student Work | (Thinking & Problem Solving, Real World) | Assessment | (aligned, rubrics, >2, written) | Grouping Method | Materials | Accommodations (IEP, 504, ESOL) |
| **Monday** | H.B.2B.1  H.B.2B.2  H.B.2C.2 | Identify the difference between animal cell and plant cell structures | | Cell structure, function, and differentiation Gizmo with assignment  Cell Structure and Function analogies project | | Gizmo assignment  Cell structure analogies project | | Gizmo assignment (formative)  Cell structure analogies project (summative) | |  | Student computer cart | Extra time will be given as needed, one to one interactions as needed or requested |
| **Tuesday** | H.B.2B.1  H.B.2B.2  H.B.2C.2 | Illustrate and describe how organelles work together to synthesize proteins | | Video, illustrating the protein synthesis process  Walk through the protein synthesis play  Begin protein synthesis comic assignment | | Observe/ act out the protein synthesis play  Protein synthesis comic assignment  EOC practice questioning | | Protein synthesis comic assignment (formative)  EOC practice (formative) | |  | Art supplies | Extra time will be given as needed, one to one interactions as needed or requested |
| **Wednesday** | H.B.2B.1  H.B.2B.2  H.B.2C.2 | Illustrate and describe how organelles work together to synthesize proteins  Explain the structure and function of the plasma membrane | | Finish protein synthesis comic assignment and have a student share out  Introduce the plasma membrane structure and function through guided note taking  Start plasma membrane interactive construction | | Finish the protein synthesis comic, and share out  Student note taking  Construct the plasma membrane interactive construction | | Protein synthesis comic assignment (formative) | |  | Art supplies | Extra time will be given as needed, one to one interactions as needed or requested |
| **Thursday** | H.B.2B.1  H.B.2B.2  H.B.2C.2 | Identify the difference between animal cell and plant cell structures  Illustrate and describe how organelles work together to synthesize proteins  Explain the structure and function of the plasma membrane | | Review stations setup to prepare for Cell Unit Assessment  Cells Alive computer activity | | Review Station question/ answering  Cells Alive computer assignment/ review | | Review station question/ answer (formative)  Cells Alive assignment (formative) | |  | Student laptops | Extra time will be given as needed, one to one interactions as needed or requested |
| **Friday** | H.B.2B.1  H.B.2B.2  H.B.2C.2 | Identify the difference between animal cell and plant cell structures  Illustrate and describe how organelles work together to synthesize proteins  Explain the structure and function of the plasma membrane | | Unit 2/ Cell Structure and Function Unit Test | | Unit Test (multiple choice and short answer) | | Unit Test (Summative) | |  |  | Extra time will be given as needed, one to one interactions as needed or requested |

\* All plans are subject to change. Student progress will be monitored and adjustments will be made.