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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 outIntroduce 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 takingConstruct 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.