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| Teacher: Runyan  | Course: Biology  | Period(s): 1,2,4 | Week of: / Dates: 9/10 |
| 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  | Describe the differences between prokaryotic and eukaryotic cells | EOC practice questioning Revisit the cell type graphic organizer Cell construction activity  | EOC practice question breakdown Students will be given the parts of a cell, then have to properly construct a version of each cell type  | EOC practice (formative) Cell construction (formative)  |  | Cell construction handout, scissors, glue  | 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 | Describe the differences between prokaryotic and eukaryotic cells  | Introduce the bacteria investigation lab, and carry out the initial procedures of the lab  | Prior knowledge questions before the lab activity, perform the initial procedures of the bacteria investigation lab | Prior knowledge questions (formative)  | Based on student learning strength  | Cotton swabs, Prepped petri dishes, Microscope  | 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 | Describe the differences between prokaryotic and eukaryotic cells Identify structures differing between plant and animal cells | Finish up the bacteria investigation lab Introduce plant and animal cell differences via guided notes, graphic organizer, and a labeling activity  | EOC practice question breakdown Finish up bacteria lab investigation Graphic organizer and labeling activity  | Lab conclusions (formative) EOC practice (formative) Labeling activity/ Graphic organizer (formative)  | Based on student learning strength  | Cotton swabs, petri dishes, microscopes  | 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 structures differing between plant and animal cells  | Human cheek cell lab Elodea plant cell lab  | Prior knowledge questions before the labHuman cheek cell lab, and Elodea plant cell lab procedures  | Prior knowledge questioning (formative)  | Random numbering  | Microscopes, slides, toothpicks  | 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  | Describe the differences between prokaryotic and eukaryotic cells Identify structures differing between plant and animal cells | Short review period Cell comparison quiz/ vocab quiz EOC practice Protein synthesis reading  | Cell comparison quiz/ vocab quiz EOC practice Protein synthesis reading | Quiz (summative) EOC Practice (formative) Reading (formative)  |  |  | 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.