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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 lab  Human 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.