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| Teacher: Runyan | Course: Biology | Period(s): 1,2,4 | Week of: / Dates: 10/8 |
| 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.3A.1  H.B.3A.3  H.B.3A.4  H.B.3A.5 | Describe the process of photosynthesis and write the equation showing reactants and products | | Teacher led power point notes  Breakdown the photosynthesis equation using guided note handout  Vocab graphic organizer | | Note taking  Vocab graphic organizer | |  | |  |  | Extra time will be given as needed, one to one interactions as needed or requested |
| **Tuesday** | H.B.3A.1  H.B.3A.3  H.B.3A.4  H.B.3A.5 | Identify and explain the light dependent and light independent reactions of photosynthesis | | EOC Review question  Paper chromatography of leaf pigments, exploring plant light absorption | | EOC Review question  Perform the Leaf Pigment lab activity  Complete all analytical questions associated with the lab | | EOC Review (Formative)  Analytical, follow up lab questions (Formative) | | Assigned Lab Groups | Chromatography Paper, isopropyl alcohol, leaves | Extra time will be given as needed, one to one interactions as needed or requested |
| **Wednesday** | H.B.3A.1  H.B.3A.3  H.B.3A.4  H.B.3A.5 | Identify and explain the light dependent and light independent reactions of photosynthesis | | Lab activity revisit/ review  Leaf Disc lab activity, observing the affect light has on photosynthesis  Follow up/ analytical lab questions | | Leaf Disc Lab observations and data recording  Follow up and analytical lab questions | | Follow up and analytical lab questioning (Formative) | | Assigned Lab Groups | Leaves, hole punch, light source, baking soda, cups | Extra time will be given as needed, one to one interactions as needed or requested |
| **Thursday** | H.B.3A.1  H.B.3A.3  H.B.3A.4  H.B.3A.5 | Identify and explain the light dependent and light independent reactions of photosynthesis | | Finish up the Leaf Disc Lab (If needed)  Photosynthesis Gizmo: environmental factors that alter the rate of photosynthesis | | Finish up Leaf Disc Lab  Photosynthesis Gizmo  Gizmo questioning | | Photosynthesis Gizmo questions (Formative) | |  | Student Laptops | Extra time will be given as needed, one to one interactions as needed or requested |
| **Friday** | H.B.3A.1  H.B.3A.3  H.B.3A.4  H.B.3A.5 | Describe the process of photosynthesis and write the equation showing reactants and products  Identify and explain the light dependent and light independent reactions of photosynthesis  Describe the process of cellular respiration | | Quiz covering photosynthesis  Introduction to Cellular Respiration through teacher led notes  Literacy assignment using the textbook covering the reactants and products of cellular respiration | | Photosynthesis Quiz  Cellular respiration note taking  Cellular respiration literacy assignment | | Quiz (Summative)  Literacy assignment (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.