|  |  |  |  |
| --- | --- | --- | --- |
| Teacher: Runyan  | Course: Biology  | Period(s): 1,2,4 | Week of: / Dates: 10/8 |
| Unit Title: Biochemistry/ Cell Structure  |  |  |
| State Standards:  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 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 photosynthesisFollow 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 GizmoGizmo 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 productsIdentify and explain the light dependent and light independent reactions of photosynthesisDescribe 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.