1. *Reading Comprehension: Read the following newsela article. Do not forget to annotate your article as you read to receive credit for the questions.* Each student was given a copy of the article in class.

**Annotation Methods**

* 1. Method I- Write the main idea of each paragraph, connect each main idea to you and highlight unit vocabulary words throughout the article. Write definitions in own words in margin of article.
  2. Method II- Apply the CER method and highlight unit vocabulary words throughout the article. Write definitions in own words in margin of article.
  3. Method III- Circle the nouns, underline the verbs and highlight unit vocabulary words throughout the article. Write definitions in own words in margin of article.
  4. Method IV- Apply the RACE method & highlight unit vocabulary words throughout the article. Write definitions in own words in margin of article.
  5. Method V- Write the title. Turn the title into a question. Answer the question and highlight unit vocabulary words throughout the article. Write definitions in own words in margin of article.
  6. Method VI- Cornell notes. Highlight unit vocabulary words throughout the article. Write definitions in own words in margin of article.

II. Technology I-BrainPop: Login into brainpop (www.brainpop.com). Watch the video on *Photosynthesis*. You may review the video as many times as would like until you feel you have mastered the content. A minimum of four notes must be taken from the video as you watch. Feel free to write down more notes than what is required. You will be given a quiz about the video in class.

III. *Writing: Write a creative story related photosynthesis and cellular respiration. Include this week’s vocabulary words in your essay and underline them each time the vocabulary word is used. 1 page minimum.*

IV. Hands-On: Create a 3D modal of your choice related to roles in energy transfer (Be creative!) or choose from one of the tasks below *(\* denotes task must be typed)*:

|  |  |  |  |
| --- | --- | --- | --- |
| **Brochure** | **Social Media Page** | **Scholarly Article** | **Functional 3D model**  **----------------------**  **Create a vocabulary matching game with pictures** |
| **Song/Rap/Poem** | **Comic Strip** | **Children’s Book** |
| **Poster** | **Textbook Recreate** | **Quiz\***  **(Include answer key)** |

V. Notes: Science workbook pages on photosynthesis and cellular respiration

VI. Practicing Interpreting Graphs: Analyze the graph and use the data in the graph to answer the questions. Line graph.

VII. Observation, Inference and Prediction: students are to find and print their own picture related to photosynthesis and/or cellular respiration.

Write an observation about the picture in a complete sentence. Write an inference about the picture in a complete sentence and write a prediction about the picture in a complete sentence.

VIII. Vocabulary: Complete a frayer model based off your color for each word on the vocabulary list for this topic.

* 1. **Blue- illustrate, define, tell (a joke), where (is it located)**
  2. **Orange- construct, compare, cause/effect, context clues (what context clues would give someone based on the definition and image to help them remember)**
  3. **Green- assess (create a test question w/ four answer choices and correct answer), hypothesize, differentiate (between another vocabulary word), draw conclusion (based off definition)**
  4. **Yellow- flashcards or K.I.M. strategy**