

Homeostasis and Cell Processes Stations

Due Date: 9/20/19

- I. *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

- a. 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.
- b. Method II- Apply the CER method and highlight unit vocabulary words throughout the article. Write definitions in own words in margin of article.
- c. 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.
- d. Method IV- Apply the RACE method & highlight unit vocabulary words throughout the article. Write definitions in own words in margin of article.
- e. 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.
- f. 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 *Mitosis*. 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 an expository essay related to "Homeostasis and Cell Processes." Try to include this week's vocabulary words in your essay and underline them each time the vocabulary word is used. Please visit the link below for additional support on expository essay writing:*

<https://www.time4writing.com/writing-resources/types-of-essays/>

**a paragraph consists of 5-7 complete sentences.*

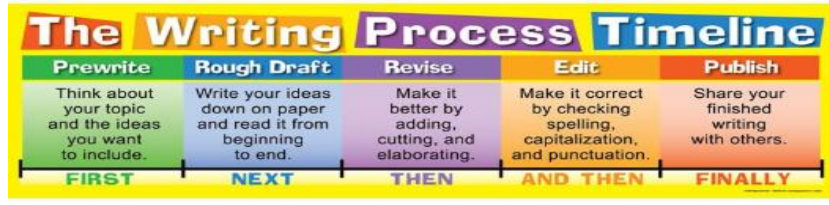
1. Paragraph one- Introduce the topic to the reader
2. Paragraph two- Transition-connect topic to model
3. Paragraph three- explain model
4. Paragraph four- relate model to standard; in this paragraph relate your model to one of the organelles (nucleus, cytoplasm, cell membrane, cell wall, chloroplasts, lysosome, mitochondria) and one of the characteristics of living things (obtaining nutrients in order to grow, reproduce, make needed materials, and process waste).
5. Paragraph five- Conclusion

Below is a portion of the writing process that is suggested to be completed each day.

<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday</u>
Prewrite	Rough draft	Revise	Edit	publish

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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
Song/Rap/Poem	Comic Strip	Children's Book	-----
Poster	Textbook Recreate	Quiz*	Create a vocabulary matching game with pictures

V. Notes: Science workbook pages on Homeostasis and Cell Processes pg. 124-134; 1-23

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

www.brainpop.com ->Mitosis -> related reading -> comic.

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. 3rd period, use the A/C frayer model for this assignment.