**9th Grade Honors Biology Cell Energy Infographic**

In this week-long assignment, as you learn about how energy in the cell works, you’re going to capture your understanding by creating an infographic. If you’re not familiar with infographics, these are images that visually represent information on a specific topic. Your teacher will provide you with an example.

WCPSS will allow us to use one of the following infographic making sites:

1. https://canva.com – This one is extremely easy to use. Once you create an account, scroll down the main part of the homepage to find a section called “Infographics.” If you click “see all” at the top of this section, you can select from any of the infographic templates that they offer
2. <https://piktochart.com> – Once you create an account, Use the left-side menu under the “Create” button to select “Infographics.” You can then select from any of the infographic templates that they offer.

After today’s lesson, you should be able to add the following information to your infographic:

1. The inputs and outputs for photosynthesis
2. The organisms that perform photosynthesis
3. The leaf structures that bring in the inputs for photosynthesis and distribute the main product of photosynthesis to the rest of the organism.
4. The site of photosynthesis within the cell
5. How transpiration relates to photosynthesis
6. How Glucose, ATP, and ADP relate to one another.

After Thursday’s lesson, you should be able to add the following information to your infographic:

1. How photosynthesis and respiration relate to one another.
2. The inputs and outputs for cellular respiration.
3. The difference between aerobic and anaerobic cellular respiration, especially as it relates to the products of and relative energy produced by these processes.
4. The site of cellular respiration within the cell.
5. The organisms that perform cellular respiration

You may use images that you create, or images that you find, *just make sure to list where they came from in parentheses under the image*. *Your infographic* ***MUST*** *contain* ***BOTH*** *pictures* ***AND*** *descriptions to demonstrate your understanding of the topic.*

This assignment is due Friday, 4/24. If you need help, be sure to visit your teacher during office hours.