**Photosynthesis Blendspace Activity**

**Activity 1**

Watch the Amoeba Sisters video and complete the viewing guide as item**16** in your notebook

**Activity 2**

Use the powerpoint to answer the guided notes, this will be item **17** in your notebook.

**Activity 3**

**Complete and copy the following sentences in your notebook on page 18.**

1. The sun contains \_\_\_\_ energy.

2. Water is actually made of molecules that consist of two gasses: \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_.

3. Carbon dioxide is actually made of two gasses: \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_.

4. Xylem carry \_\_\_\_\_. Phloem carry \_\_\_\_.

**Activity 4**

**After the first activity, answer the following questions in your notebook on page 18**

*Click the link, click start, and go through the first two website activities. Make sure to put all items in their correct location or you will not be able to move on to the next level.*

1. What two things were at the end of the blue arrows?

2. What four things were at the beginning of the yellow arrows?

*After the second activity, answer these questions in the comments:*

3. What two things were on the left side of the equal sign?

4. What two things were on the right side of the equal sign?

*Once you've completed both levels, you do not have to move on to the third. You may exit and continue to activity #6.*

**Activity 5**

Watch the video and answer these two questions in your notebook under Activity 4 on page **18**

1. What are the four ingredients that go into photosynthesis?

2.When the recipe of photosynthesis is complete, the plant has made what two things?

**Activity 6**

Using the word bank, draw this illustration and write out the fill-in-the-blank and complete it in your notebook on page **19**. This should take up the whole page and it should be neat, organized, and COLORED. The word bank is used once for the picture with the arrows and once for the fill-in-the-blanks.

**Activity 7**

Using the index card provided, use the instructions here to create your own photosynthesis "recipe card". This will be TURNED IN FOR A GRADE! Then added to your notebook as item **20**

If you would like to use the internet to research how to write recipes, you can. The recipe card should be colored, neat, and creative. The rubric is attached- USE IT!

The recipe for photosynthesis should include what goes in, what happens, and then what is created. Think about a cake. What ingredients go into a cake? What happens when you put it in the oven? Then what do you have when you pull it out of the oven? How is it different? Are the ingredients the same or are they different?

**Activity 8**

Read the instructions for the **comic strip**. Use the comic strip template and cut and paste the phrases provided in the proper order (one phrase per box).

You will need to come up with a story about photosynthesis guided by these phrases. Use color, be creative, and do your best work. The comic strip will be turned in for a grade at the end of the activity as item **21** in your notebook

**Activity 9**

Use the interactive website by clicking on all three activities- the cycle, atomic shuffle, and three puzzlers. Answer the Answers questions below as item **22** in your notebook:

Activity #1- The Cycle

1. Where did the CO2 come from?

2. Where did the H2O come from?

3. Where did the O2 come from?

Activity #2- Atomic Shuffle

\*There is a formula at the end of the activity.

4. How many H2O's?

5. How many CO2's?

6. How many C6H12O6's?

7. How many H2O's?

8. How many O2's?

Make sure you exit out of that window when you're finished to return back here to Blendspace.

**Activity 10**

Also on page **22** of your notebook, list the three photosynthetic animals mentioned in this video.

Once you have submitted this final assignment, you are finished! Come see me.