**Outcome Practice: Photosynthesis**

**Outcome 9**

**Biology 11 Name:**

**Directions:** complete the questions below looking at the essential understanding for this outcome. You can use the tutorial video, notes as well as the textbook to assist you in completing the work. When you are done and feel comfortable you should test yourself using the practice materials provided.

1. What is the overall purpose of photosynthesis? Why is this such an important process?
2. What organelle within a plant cell is responsible for photosynthesis? What pigment is found within this organelle that allows for the process of photosynthesis to occur and what is the general function of the pigment?
3. Fill in the table below looking at your general understanding of the two steps that take place during photosynthesis.

|  |  |  |
| --- | --- | --- |
| Title of step | **1st step:** | **2nd step:** |
| Location |  |  |
| Purpose |  |  |
| Reactants (what goes in) |  |  |
| Products (what comes out) |  |  |