Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pd: \_\_\_\_\_ Ast: \_\_\_\_\_

**CARBON CYCLE NOTES**

1. What do plants need in order to grow?
2. What do we call the process plants use to convert water and carbon dioxide into glucose and oxygen?
3. Where does CO2 come from?
4. What do we call the process our bodies use to produce energy for life-functions?
5. What do people need to live?
6. How are photosynthesis and cellular respiration related?
7. PHOTOSYNTHESIS
   1. Reactants:
   2. Products:
   3. Equation:
   4. How is energy involved in this chemical reaction?
8. CELLULAR RESPIRATION
   1. Reactants:
   2. Products:
   3. Equation:
   4. How is energy involved in this chemical reaction?

CREATE A POSTER EXPLAINING THE CARBON CYCLE

* You must include:
  + - The reactants and products involved in photosynthesis and cellular respiration
    - The balanced chemical equations describing these reactions
    - The energy exchange (“sunlight” and “ATP”)