

Carbon Oxygen Cycles

Ref: PHL5, Chapter 2

Name _____ Period ____

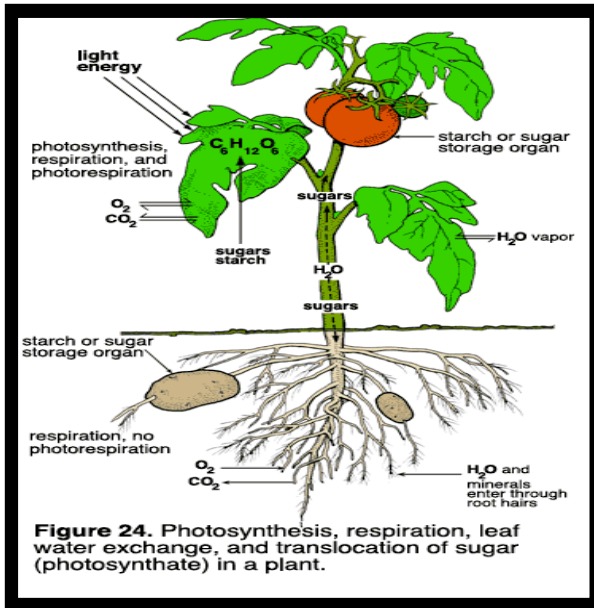
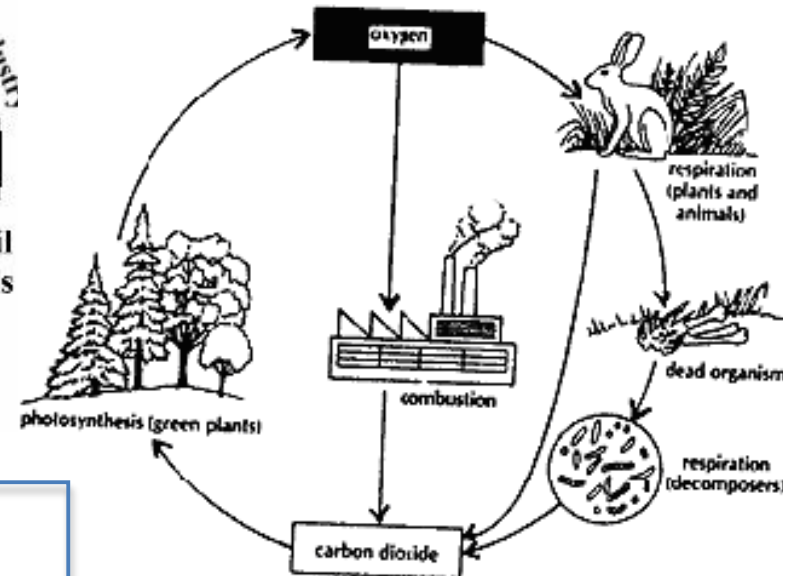
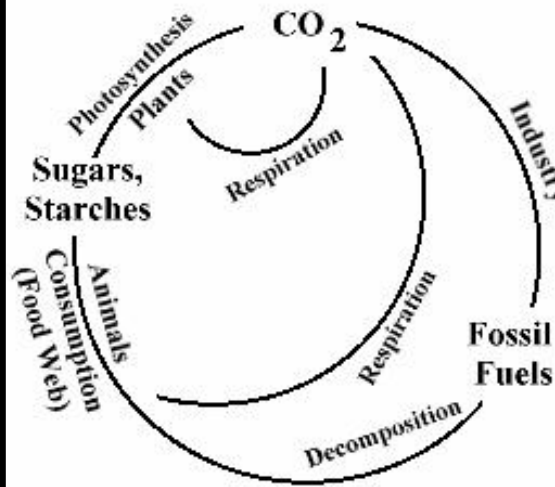


Figure 24. Photosynthesis, respiration, leaf water exchange, and translocation of sugar (photosynthate) in a plant.



Red Arrows = Carbon Dioxide
 Blue Arrows = Oxygen
 Green areas = Photosynthesis possible.

1. Color code the above cycles.
2. Define Respiration _____

3. Write the chemical equation for respiration, using both formulas and words.
4. Define Photosynthesis _____

5. Write the chemical equation for photosynthesis, using both formulas and words.