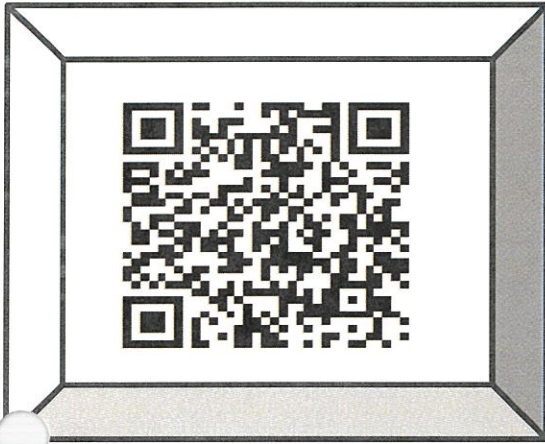


Photosynthesis and Respiration QR Code Scavenger Hunt

Directions: Using the iPads, please scan the following QR codes and answer the questions that follow.

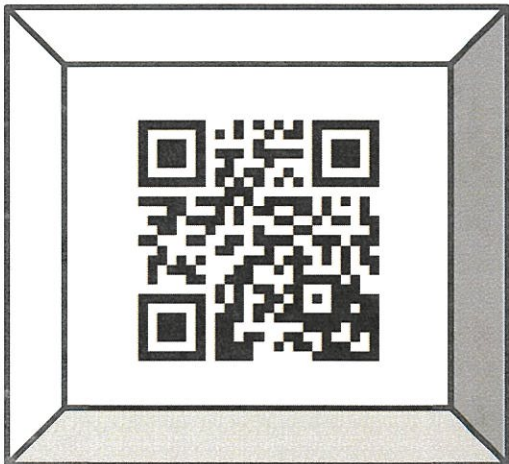
Photosynthesis



1. Where does light energy come from in order for the plants to perform photosynthesis? _____
2. Where in the the leaf does photosynthesis occur?

3. What is the name of the magic compound that starts the whole process of photosynthesis? Remember, it's what makes the plant green! _____

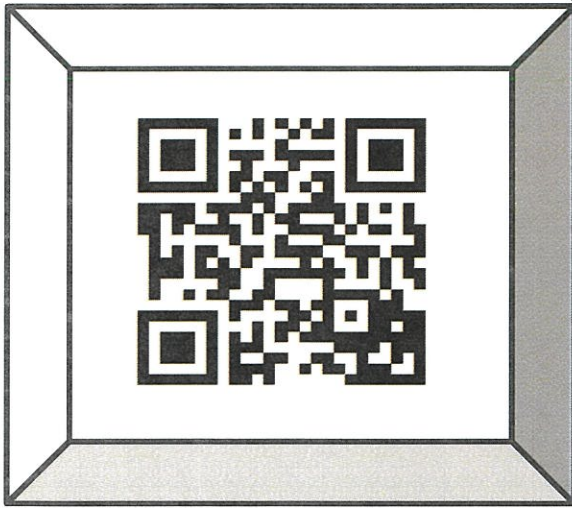
4. What is the chemical formation for water? _____
5. What is the chemical formation for carbon dioxide? _____
6. What is the chemical formation for oxygen? _____
7. What is the chemical formation for glucose? _____
8. How many stages does photosynthesis need to occur? 1 stage or 2 stages



Take a look at the photosynthesis equation, and answer the following questions:

9. Name the two raw materials: _____
& _____
10. Name the two products: _____ &

Respiration



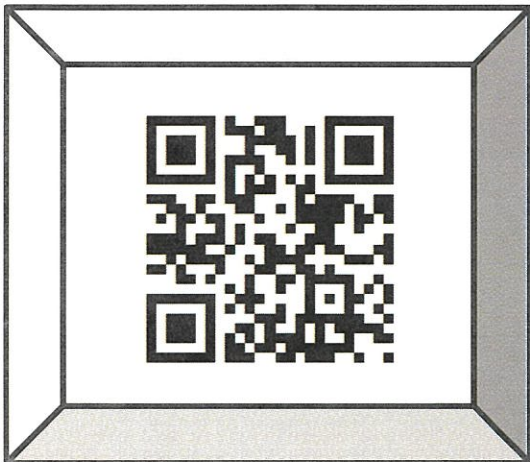
11. What is the name of the process in which cells Produce ENERGY in order to survive?

12. What two chemicals link up to produce energy?

_____ & _____

13. How do plants obtain glucose?

14. How do animals obtain glucose? _____



Take a look at the respiration equation and answer the following question:

15. What are the two waste products in respiration?

_____ & _____

16. Why is it important that animals release CO_2 into the atmosphere? _____

17. What organelle does cellular respiration take place?

18. What process produces energy?

19. What process uses energy to make food?

