****Lesson 4.11: Life Science – Photosynthesis & Respiration

 **What Is Photosynthesis?**

**Use your notes to answer following questions on photosynthesis.**

1. What are the raw materials needed by plants for photosynthesis?

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1. CO2 is made up of what two atoms and what is its common name?

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1. What are the two products of photosynthesis, and what atoms make them up?

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1. What is 02 made up of and what does it do for us?

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**5.** From where do plants get water? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6.** From where do plants get carbon dioxide? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**7.** Where does photosynthesis begin? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**8.** Write out the following chemical equation for photosynthesis in words, not chemical symbols:

CO2 + H2O → C6H12O6 + 02 = photosynthesis

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**9.** When photosynthesis occurs and oxygen gas is made inside the leaf, what happens to it?

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**10.** What molecule remains in the plant as energy?

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**11.** Where in the plant does the process of photosynthesis happen?

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H. Turngren, Minnesota Literacy Council, 2014 p.5 GED Science Curriculum

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