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Cell Structure and Functions Crossword Puzzle

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| **Across**  **4.** \_\_\_\_\_\_\_\_ are examples of plant organs.  **8.** \_\_\_\_\_\_\_ is a simple sugar with a molecular formula C6H12O6.  **10.** Only plant cells contain \_\_\_\_\_\_\_\_\_\_.  **12.** \_\_\_\_\_\_\_\_ also have organs that perform functions.  **13.** Also, known as H2O.  **14.** \_\_\_ is a star and the Earth orbits around  **16.** Cell continuously use\_\_\_\_\_\_\_ to transport substances make new cells, and perform chemical reactions.  **17.** Something a scientist uses to look at cells.  **19.** \_\_\_\_\_\_\_\_\_\_\_\_\_ is a colorless, odorless gas produced by burning carbon and porganic compounds and by respiration.  **20.** Large molecules, such as \_\_\_\_\_, must protein doorways to pas into and out the cell. | **Down**  **1.** The first step in Cellular Respiration is \_\_\_\_\_\_\_\_\_ and it happens in a cell's cytoplasm.  **2.** \_\_\_\_\_\_\_\_\_\_ is a series of chemical reactions in some organisms that have use light energy and makes food.  **3.** \_\_\_\_\_\_\_\_\_\_ is a relating to or consisting of living cells.  **5.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a series of chemical reactions that transforms the energy in food molecules to usable energy  **6.** The \_\_\_\_\_\_\_\_\_\_\_ in cells can combine in many ways to make different substances that are use for thousands of different functions.  **7.** \_\_\_\_\_\_\_\_\_\_ are located outside the Nucleus.  **9.** \_\_\_\_\_ membrane  **11.** \_\_\_\_\_\_\_\_ is a colorless, odorless restive gas.  **15.** Except for bacteria, all cells have \_\_\_\_\_\_\_\_\_\_\_\_.  **18.** A muscle, such as the bicep in your upper \_\_\_\_\_\_, is made of different tissues. |

   Water        Planta       Sun       Microscope        Sugar       Photosynthesis        Cell       Oxygen        Cellular Respiration        Chloroplast        Mitochondria        Glucose       Carbon Dioxide        Energy       Electrons        Molecules       Glycolysis        Cellular       Leafs       Arm