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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Cell Energy

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|  | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  | 7 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8 |  | 9 |
|  | 10 |  |  |  |  |  |  | 11 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Across**  **3.** Plants absorb this in their roots  **5.** Chemical form of glucose  **10.** Plants get the majority of their mass from the  **11.** Plants and animals use this from the air to do cellular respiration  **13.** The process in which animals break down food to get energy  **15.** Occurs in both plants and animals  **17.** Photosynthesis and cellular respiration follow the Law of Conservation of Mass (T/F)  **18.** Stored energy in plants | **Down**  **1.** Waste gas released from animals  **2.** Photo (in photosynthesis) means  **4.** Plants absorb this out of the air to do photosynthesis  **6.** Atom used to build the mass of a plant  **7.** Waste gas released from plants  **8.** Sweating is an example of an animal adaption to changes in their environment, or  **9.** The ingredients in a reaction  **12.** What is made from a reaction  **14.** Animals release this waste molecule of cellular respiration in the form of urine.  **16.** Useable energy for plants and animals |