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

Cell structure

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|  |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | O |  |  |  |  | 3  O |  |  |  |  |
|  |  | 4  M |  |  |  |  |  |  |  | P |  |  |  |  | R |  |  |  |  |
|  |  | I |  |  |  |  |  |  |  | L |  |  |  |  | G |  |  |  |  |
|  |  | T |  |  |  |  | 5  G |  |  | A |  |  |  |  | A |  | 6  R |  |  |
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|  |  | C |  | 8  C | E | L | L | M | E | M | B | R | A | N | E |  | B |  |  |
|  |  | H |  |  | L |  | G |  |  | I |  |  |  |  | L |  | O |  |  |
|  |  | O |  |  | L |  | I |  |  | 9  C | Y | 10  T | O | P | L | A | S | M |  |
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| **Across**  **2.** Structure, such as the heart, made of different types of tissues that work all together  **8.** A protective outer covering of all cells that regulates the interaction between the cells and the environment.  **9.** A constantly moving gel-like mixture inside the cell membrane that contains hereditary material and is the location of most of a cell's life processes.  **11.** An organelle that controls all the activities of a cell and contains hereditary material made of proteins and DNA.  **12.** A green, chlorophyll- containing, plant-cell organelle that uses light energy to produce sugar from carbon dioxide and water. | **Down**  **1.** Cytoplasmic organelle mix materials around in this complex series of folded membranes can be rough (with attached ribosome) or smooth (without attached ribosomes).  **3.** A structure in the cytoplasm of a eukaryotic cell that can act as a storage site, process energy, move materials or manufacture substances.  **4.** A cell organelle that breaks down food and releases energy  **5.** Organelles that package materials and transfer them within the cell or out of the  **6.** Small cytoplasmic structure on which cells make their own proteins  **7.** A rigid structure that encloses, supports, and protects the cells of plants, algae, fungi, and most bacteria.  **10.**  Group of similar cells that work together to do one job |