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Unit 6 Crossword

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| **Across****1.** Organelle where photosynthesis takes place **2.** Organism that can produce its own food**4.** Genetic material passed from parent to offspring **10.** Pigment that absorbs light**11.** A simple sugar that is an important energy source **14.** Acronym for energy-supplying molecule Adenosine triphosphate**15.** Contains two sets of chromosomes **16.** A polymer of glucose **18.** Cycle that is also known as the Citric Acid Cycle**19.** The breakdown of glucose by enzymes **20.** Process by which plants use solar energy to create nutrients  | **Down****3.** contains one set of chromosomes **5.** Organisms that obtain energy and carbon from food consumption of other organisms**6.** The flow of ions across the membrane **7.** Physical separation of the cytoplasmic components into two daughter cells**8.** Nucleic acid that exist as a single stranded molecule**9.** Where Glycolysis takes place **12.** Cell division resulting in two daughter cells each with the same number of and kind of chromosomes**13.** The longer it is the less energy is carried by it**17.** Cell division that results in four daughter cells each with half the number of chromosomes of the parent |