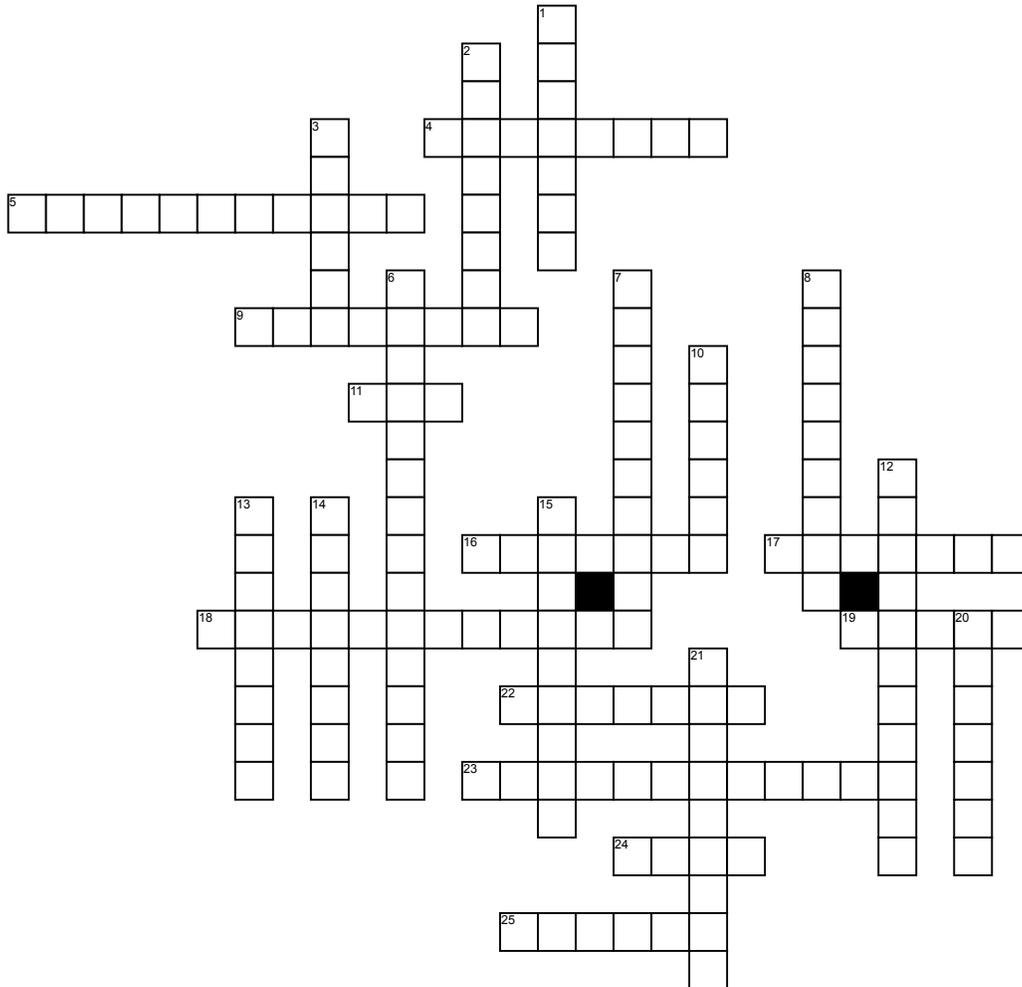


# Biology Extra Credit Crossword



## Across

- 4.** The study of cells  
**5.** Green pigments found in chloroplasts  
**9.** A catalyst to a synthesis Process like ATP  
**11.** Adenosine Triphosphate  
**16.** Simple sugars made during photosynthesis  
**17.** Organelle containing a cells DNA  
**18.** Biological molecule of carbon. hydrogen and oxygen  
**19.** Also Known as the Citric Acid Cycle

- 22.** Acid that metabolizes proteins and carbohydrates; simplest of alpha-keto acids  
**23.** Organelle where cellular respiration occurs; power center  
**24.** Smallest unit of matter  
**25.** Measurement of the capacity of a container

## Down

- 1.** When a cell divides  
**2.** First step in cellular respiration  
**3.** Chemical element resulting from photosynthesis  
**6.** Process that turns sunlight into oxygen

- 7.** Cells without a nucleus  
**8.** Holds the material needed to create ribosomes  
**10.** Accelerates chemical reaction in cells  
**12.** Converts light energy into sugars that can be used in plant cells  
**13.** A living thing  
**14.** Barrier separating cell material from outside  
**15.** Cells with a nucleus  
**20.** The study of all living things  
**21.** Builds proteins in a cell

## Word Bank

Cytology	Mitosis	Glycolysis	Organism	Chlorophyll
ATP	Enzyme	Oxygen	Eukaryote	Atom
Mitochondria	Glucose	Prokaryote	Nucleus	Carbohydrate
Pyruvic	Photosynthesis	Membrane	Synthase	Krebs
Nucleolus	Volume	Biology	Ribosomes	Chloroplast