

Name: \_\_\_\_\_

## Photosynthesis & Cellular Respiration Vocabulary

Make sure you write each word neatly and spell it correctly. Explain the meaning and include a drawing to show the word.

word	meaning	illustration
cellular respiration		
chloroplast		
ecosystem		
epidermis		
glycolysis		
microorganism		

word	meaning	illustration
mitochondria		
organism		
photosynthesis		
reactant ————— product		
transpiration		
unicellular		

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Make sure you write each word neatly and spell it correctly. Explain the meaning and include a drawing to show the meaning.

word	meaning	illustration
cellular respiration	action that converts sugar and oxygen into _____	
chloroplast	an organelle that uses light energy _____ from water and carbon dioxide	
ecosystem	a _____ of organisms and its environment	
epidermis	the _____ layer in plants	
glycolysis	the process of _____ (a sugar) breaking down into smaller molecules	
microorganism	a very _____ organism	

word	meaning	illustration
mitochondria	organelles that produce _____ for the cell	
organism	an individual _____, _____, or single-celled life form	
photosynthesis	a series of chemical reactions that convert light energy, water, and carbon dioxide into _____	
reactant _____ product	what is _____  what is _____	
transpiration	the process of plants releasing _____ vapor through their _____	
unicellular	a living thing that is made of only _____ _____	

chloroplast

an organelle that uses light energy to make food from water and carbon dioxide

reactant

product

what is needed

what is made

ecosystem

a community of organisms and its environment

epidermis

the surface layer in plants

glycolysis

the process of glucose (a sugar) breaking down into smaller molecules

microorganism

a microscopic organism, examples: bacteria, protozoan

**mitochondria**

organelles that produce energy for the cell

**organism**

an individual plant, animal, or single-celled life form

**photosynthesis**

a series of chemical reactions that convert light energy, water, and carbon dioxide into food

**cellular respiration**

series of chemical reactions that converts glucose and oxygen into a usable form of energy called ATP

**transpiration**

the process of plants releasing water vapor through their leaves

**unicellular**

a living thing that is made of only one cell