

## Vocabulary Practice

ATP	light-independent reactions	glycolysis
ADP	photosystem	anaerobic
chemosynthesis	electron transport chain	Krebs cycle
photosynthesis	ATP synthase	fermentation
chlorophyll	Calvin cycle	lactic acid
thylakoid	cellular respiration	
light-dependent reactions	aerobic	

**A. Matching** Write the vocabulary term or phrase next to its definition.

Calvin cycle	electron transport chain	photosystem
chlorophyll	light-dependent reaction	thylakoid

- \_\_\_\_\_ 1. Coin-shaped compartment that contains light-absorbing molecules
- \_\_\_\_\_ 2. A series of chemical reactions that produces sugars from carbon dioxide
- \_\_\_\_\_ 3. A series of proteins in the thylakoid membrane that transfers high-energy electrons
- \_\_\_\_\_ 4. Two groups of molecules in the thylakoid membrane that capture and transfer energy
- \_\_\_\_\_ 5. Reaction that captures energy from sunlight and transfers energy to the light-independent reactions
- \_\_\_\_\_ 6. Light-absorbing molecule in thylakoid membrane

# Chapter 4 Cells And Energy Vocabulary Practice Answer Key

**JS Bruner**



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the equivalent of a helium atom i e it has a mass of 4 and an atomic number of 2

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