Re	espiration BMZ116B Study Guide	
•	To perform their many tasks, living cells requirefrom	outside sources.
•	Energy enters most ecosystems as and leaves as	
•	Photosynthesis generates and that the mite for cellular respiration.	ochondria of eukaryotes use as
•	Cells harvest the chemical energy stored in organic molecules and molecule that drives most cellular work.	d use it to regenerate, the
•	Respiration has three key pathways:, the,	and
A. 7	The Principles of Energy Harvest	
1. 0	Cellular respiration and fermentation are catabolic, energy-yieldi	ing pathways.
•	The arrangement of atoms of organic molecules represents	energy.
•	Enzymes the systematic degradation of organic molecular simpler waste products with energy.	cules that are rich in energy to
• Compare and	Some of the released energy is used to do ; the rest is of discuss how animal cells and plant cells store energy and re	li ' ' ' Re specific!
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