NAME	DATE	CLASS	
STUDY GUIDE			Chapter
Energy and Work	•		Text Pages 110-11
Match the items in Column I with the terms or pl phrase in the blank on the left.	ırases in Coli	umn II. Write the letter of t	re correct term or
Column Î		Column II	
1. work	a. total a sys	amount of kinetic and	potential energy in
2. energy	b. ener	rgy may change from on	
3. mechanical energy		it cannot be created or c ry conditions	lestroyed under or-
4. potential energy		ed energy	•
5. kinetic energy		sfer of energy through n	
.		rgy in the form of motion	n
6. law of conservation of energy	f. the	ability to cause change	* *
Kinetic energy is energy in the form of a of potential energy in a sample of matter de	notion. Pot		
2. a rock at the edge of a cliff			•
3. a glass of milk	•		
4. gasoline			
5. a basketball passing through the	boon		
	моор	•	
6. a dry cell of a battery			
7. an acorn hanging from an oak to	ree .		
8. a person climbing a ladder			
9. a piece of celery			
10. blowing wind		•	
Complete the chart below by listing each of the exc	imples of pote	ential energy above in the c	orrect column.
Gravitational Potential Energ	У	Chemical Potential	Energy
	<u>.</u>		
	, , , , , , , , , , , , , , , , , , , ,		

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NAME	Key	DATE	c	CLASS			
STU	DY GUIDE ()				Chapter 5		
Ene	Energy and Work Text Pages 110-117						
	the items in Column I with the terms or point the blank on the left.	hrases in Col	umn II. Write the l	etter of the corre	ct term or		
ADC EB	Column 1 1. work 2. energy 3. mechanical energy 4. potential energy 5. kinetic energy 6. law of conservation of energy definitions of kinetic energy and potential rite KE for kinetic energy and PE for potential energy is energy in the form of a second column and column.	a sys b. ener but dina c. store d. tran e. ener f. the s l energy to de ntial energy.	amount of kinestem Try may change first cannot be created energy Try conditions Try conditi	rom one form ted or destroy rough motion f motion nange nergy each exan	to another, ed under or-		
DE PE	1. a moving skateboard 2. a rock at the edge of a cliff 3. a glass of milk (Chenical) 4. gasoline (Chenical) 5. a basketball passing through the 6. a dry cell of a battery (Chenical) 7. an acorn hanging from an oak to 8. a person climbing a ladder 9. a piece of celery (Chenical) 10. blowing wind	hoop cal)	ts position or con				
Comple	te the chart below by listing each of the exa	imples of pote	ntial energy above	in the correct co	lumn.		
	Gravitational Potential Energy	у	Chemical Pot	ential Energy			
					\neg		

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