Name	key		Date			
HEAT TRANSFER  Using words from the word boxes below, complete the paragraph about heat transfer.						
	conduction	more	convection	energy	emit	
	warmer	matter	transfer	absorb	temperature	
	radiation	contact	cold	vibrate	waves	
Matter has heat. Heat is a form of caused by particles in an object						
that	hat <del>vibrate</del> The <del>faster</del> the particles of an object vibrate. the					
	warmer the	object will be. B	ecause particles of	an object are alu	ways moving, heat	
is always happening. Heat always flows in the same direction: fromhot to						
cole	d Heat transfe	r will stop once	two objects reach t	the same	temperature	
∫his is	s known as equilil	brium.				
here	e are three key (	ways that heat t	ransfers. With <mark>so</mark>	<mark>olid</mark> objects, he	eat transfers when	
he c	objects come into	directconta	oct with other	things. This is kno	wn as	
	Liquids and gases are different. Because these two states of matter					
	conduction	Liquids and ga	ses are different. B	ecause these two	o states of matter	
					o states of matter _ dense particles rise	
 low.	or areflui	i <mark>d</mark> heat tran	nsfer happens when u	warmer <mark>less</mark>		
flow.	or areflui	i <mark>d</mark> heat tran dense particles sin	nsfer happens when u k. This ongoing proce	warmer, <mark>less</mark> ess is known as a	_ dense particles rise	
flow. and c	or areflui	i <mark>d</mark> heat trandense particles sind to be transferred	nsfer happens when w k. This ongoing proce through space (dist	warmerlessess is known as a ance) in the fori	_ dense particles rise	