Name:					Peri	od:	_				
4	•	mistry work: Modelling l	Exothermic and	Endothermic	Processes						
		cenario below, drav include a key.	v a macroscopic a	nd particle mode	l to illustrate	what is happenii	ng with the particles				
1.	A firework explodes and releases a barrage of colors and energy into the surroundings. Show the direction of energy transfer.										
						KEY					
2.	Water in an ocean heats up and evaporates to form a cloud above. Show the microscopic zoom process of (1) the water heating up, (2) water becoming a gas and evaporating, and (3) the water condensing and forming a cloud. Include energy arrows for each zoom showing if the energy is going into the water or leaving the water.										
	Include ener	gy arrows for each z	oom showing if th	ie energy is going	into the wate	er or leaving the KEY	water. 				
3.	An iron pipe microscopic	rusts, causing energ zoom of the particle	y to be released w s interacting and o	hen mixing with energy arrow ind	oxygen gas, o	ver a long perio ion of energy tra KEY	d of time. Show the nsfer.				
						KEY					

Name:					Period:						
4.	. A cold pack contains salts in the outer bag and water in the inner bag. The cold pack is then pressed against the injured location. Show the microscopic zoom of the particles interacting and energy arrow indicating direction of energy transfer.										
						KEY					
5.	Bacon slices get	tossed into a hot fry	ving nan Show the	e microscopic zoom of	the	narticles interacti	ng and energy arrow				
3.	Bacon slices get tossed into a hot frying pan. Show the microscopic zoom of the particles interacting and energy arrow indicating direction of energy transfer.										
						KEY					
6.			The resulting solution g direction of energy								
						KEY					