




















Ideas About Energy Mash Up			
My INITIAL ideas		This idea is incorrect.	How my ideas have changed
		I'm not sure about this idea--some parts may be correct and other parts incorrect.	
			
	1. Energy is an observable and measurable property of a system.		
	2. Energy is something contained inside of objects.		
	3. An object must be moving to have energy.		
	4. You can make energy by rubbing your hands together really fast until they feel warm.		
	5. Energy is lost as it spreads out within systems and readily transfers between systems.		
	6. Objects must be touching for energy transfer to take place.		
	7. There are many different kinds of energy.		
	8. The energy of hot water is similar to the energy of moving bumper cars.		
	9. An ice cube has no energy.		
	10. Any time there is an increase in energy in one part of a system, there must be a decrease in energy in another part of the system.		
	11. A marble wants to move from the top of the ramp to the bottom of the ramp.		
	12. My hand feels cold when I hold a piece of ice because the coldness of the ice moves to my hand.		
	13. Energy transformations are processes that convert energy from one form to another, whereas energy transfers are processes that carry energy across		

	system boundaries.	
	14. Not all stored energy (potential energy) is converted to energy of motion (kinetic energy).	
	15. Energy and force are the same.	
	16. The energy of a moving object depends on how fast the object is moving.	
	17. You must observe some change in an object to know that the object has energy.	