

Name: _____

WS - Energy, Phase Changes and Chemical Reactions

Instructions: Read the description of the process that is occurring. Identify whether the process is endothermic or exothermic by placing a mark in the appropriate column, then describe how the energy is involved in the process.

Process	Endo...	Exo...	Description of the energy's involvement
1. An ice cube slowly melts on a table top			
2. An egg frying in a pan			
3. Striking a match to ignite a fire			
4. Mitochondria break down glucose with O ₂			
5. Dew forming on the grass early one morning			
6. Detonating dynamite to mine extract coal			
7. Making ice cubes in a tray			
8. A puddle of water evaporates in the sun			
9. Sugarcane producing sugar grains			
10. Using a cold pack on an injured knee			
11. Frost vaporizing from a windshield			
12. Microwaving leftovers for lunch			
13. Iron on a bike chain rusting			
14. Adding vinegar to baking soda			
15. Splitting uranium in a nuclear reactor			
16. Dissolving salt in H ₂ O			