## **Endothermic and Exothermic Reactions**

Name	Block	-
	Endothermic	Exothermic
Definition		
Examples		
	eriment that uses DATA to determine if nergy transfer in the reactions.	a reaction is endothermic or exothermic
Part 1 Question Is a reaction with your conclusion.		mic or exothermic? Use data to support
Part 1 Materials hydrogen peroxic liver	de test tube thei	rmometer mL graduated cylinder
Part 1 Procedur 1)	es:	
2)		
3)		
Part 1 Data: Starting Tempera	ture Ending Ten	nperature
•	n of liver and hydrogen peroxide endot	hermic or exothermic?
2) How do you k		ta
,	n is the energy flowing, into the reactio	•
TATIO VV :		

Is a reaction with water an your conclusion.	d ammonium nitrat	te endothermic or exc	othermic? Use data to support
Part 2 Materials: water ammonium nitrate	test tube timer	thermometer scale	10mL graduated cylinder
Part 2 Procedures:			
2)			
3)			
Part 2 Data: Starting Temperature		Ending Temperature	
Part 2 Conclusion:  1) Is the reaction of water	r and ammonium n	itrate endothermic or	exothermic?
2) How do you know? Su	pport your conclus	ion with data.	
,			the reaction? How do you
know?			
Illustrate It!			
Represent the heat energy from the reaction for the tw		w the heat entering th	ne reaction or being released
	$\neg$		
Liver and Hydrogen Peroxide		Amm	er and onium rate

Part 2 Question: