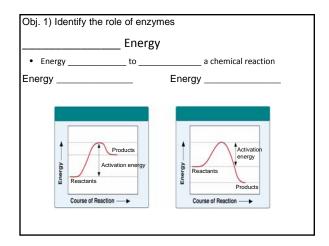
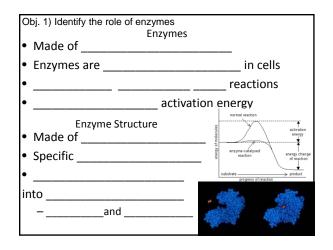
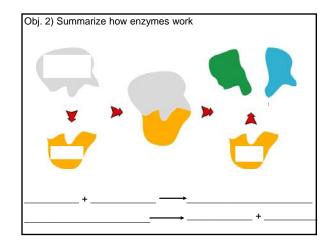
Chemical Reactions a	nd Enzymes		
Standard Summarized: Students will	Chapter 2-4		
1) Identify the role of enzymes			
2) Summarize how enzymes work3) List three examples of enzymes that	at work in our body		
Summarize how four factors affect enzyme activity			
SBW Questions 8-11			
<u>Chemical Reactions</u>			
One	is changed into		
something			
Iron turning into			
Wood turning into			
Cake batter becoming a			
Sugar becoming	_ in our		

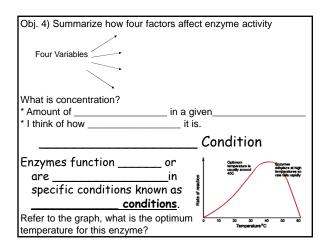
Chemical equation		
•		
• Material >	Material	
 Bonds are broken and reformed 		
•+		
Some reactions	energy	
Some reactions	energy	

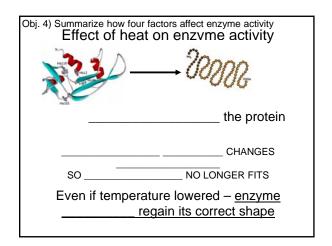


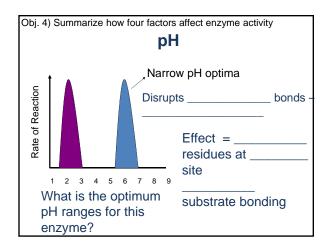


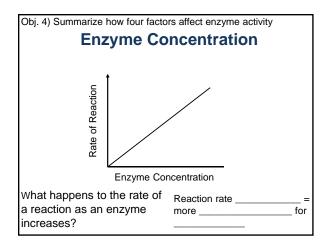


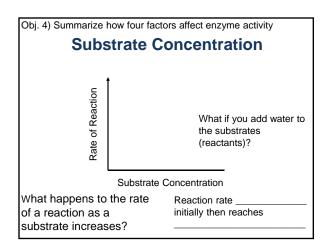
Substrate	Enzyme	Product	Location
Starch		Maltose	
Maltose		Glucose	
Protein		Peptides	
Peptides		Amino acids	
Fats		Fatty Acids and Glycerol	











Understanding Check

- Of what are enzymes comprised?
- 2. Why are enzymes catalysts?
- 3. List 2 factors that affect enzyme activity.