1. We study chemistry in	a biology class	_			
		because			
2. Why do organisms rec	uire water to li	ve?			
Type of Chem Reaction H <sub>2</sub> O is			What happens?		
<u>3.</u> 4.					
4 Macromolecules	Monomer(s)		Different Polymers of	That Magramalagula	
5.	Monomer (8)		Different Folymers of	That Macromolecule	
6.					
7.					
8.					
Canhahydnataa					
Carbohydrates Molecule Type			Plant/Animal/Both	Drawing	
9.				21u mg	
10.					
11.					
12.					
13. Fill in the different car	bohydrate form	s as it is diges	sted, stored, & used in our	bodies, starting with starch.	
eat starch	live	<b>→</b>	blood	cells	
cells	•	-			
Proteins				Monomer drawing:	
14. Also called		•			
15. Monomer:					
16. Function depends on i	ts	_ &	sequence.		
17. The term used when a	protein loses it	s shape & fund	ction is	_,	
18. Found in all	1	Functions incl	ude but are not Polymer	drawing:	
limited to:				-	
b					
c			<b>I</b>		
d e					
19. Why is it important to					
, F					

## Lipids

Polymer Type		Function		Plant/Animal/Both	Drawing	
1.					J	
2.						
23.						
24.						
*	*					
Nucleic A		Dogma of Molecular	r Biology?			
Type Function				Drawing		
Турс	1 unction	Bugui i taine	1 Duses	monomer:	polymer:	
26.						
				monomer:	polymer:	
27.						
28. Enzyn	nes (Biologic	al	):			
ļ		: reactant				
)		: place on (	enzyme where	the reactant fits & react	ion happens	
		: what you	end up with			
	n enzyme wo					
80. What i	s activation e	energy?				
31. What 2	2 factors can	decrease the effective	eness of an en	zyme?		
			1	b		
l	o the above ?	2 factors affect enzyn	ne reactions?_			
	o the above 2					
32. How d		sure?				

35. Label the parts of a chemical equation involving an enzyme: \_\_\_\_\_