1	Write the che	omical oau	lation for	photocypthosic	Label the reactants	and produc	oto			
1.	White the chi	eriiloai eqt	Jation for	priotosynthesis.	Label the reactants	and produc	J.S.			
2.	Describe or o	define ead	ch of the f	ollowing terms:						
	• C	hloroplast	t							
	• C	hlorophyll								
3.					respiration. Label th					
•					. соришиот даже и		<u> </u>			
4	Complete the	e chart be	low.							
	Description		Aerobic or anaerobic		ATP Production (less or more)		Examples			
	Respiration that requires oxygen						N/A			
	Respiration t									
5			TP in the	cell.						
	Describe the role of ATP in the cell:									
6.	Complete the	ne chart below: Process				Orga	nelle	Type of orga		
	Description	(Photosy or Resp		Reactants (2)	Products (2-3)		ondria or oplast)	(autotroph heterotrop		
	Convert light energy to food	·	,				,			
	Convert food (glucose) to ATP									
7.	Describe two survival.	ways tha	nt heterotr	ophs (such as a	nimals and fungi) re	ely on autotr	ophs (like	plants) for		

8. Complete the following table:

Process	Causes oxygen levels to increase or decrease?	Causes carbon dioxide levels to Increase or decrease?
Photosynthesis		
Respiration		

- 9. Describe the function of photosynthesis, including <u>what it does</u> and <u>what kinds of organisms can do it</u> (hint: there are 3).
- 10. Describe the function of cellular respiration, including what it does and what kinds of organisms can do it.
- 11. Explain why animals rely on plants, but plants do not rely on animals.
- 12. Define the following terms:
 - Autotroph
 - Photoautotroph
 - Heterotroph
- 13. Complete the diagram below by filling in the boxes:

