Name_		Date	_Hour
Biology	Guided Reading 2-3	Cycling of Matter	
1.	Define nutrient		
2.	Define biogeochemical cycle		
3.	Examine Figure 16, how are nutrients p	passed through the eco	osystem?
4.	What are some sources for water evap	oration?	
5.	Examine Figure 17, Which processes ta water to the environment?	ke water from the env	ironment? Which processes return
6.	Think back to our discussion on toxins, water cycle?	how could toxic subst	ances enter ecosystem using the
7.	Which elements are found in every living	ng thing and are essen	tial for life?
8.	What happens in photosynthesis?		

9.	What process releases carbon dioxide back into the environment?
10.	In what two other ways can carbon (and oxygen) be released?
11.	Where is the largest concentration of Nitrogen? What's wrong with this source?
12.	Who is responsible for nitrogen fixation?
13.	When does nitrogen enter the food web? How does the nitrogen get to the consumers?
14.	In what ways is nitrogen returned to the environment?
15.	Describe what happens to phosphorus in the "short term" cycle.