Tea						Grade: nent Form	Your Initials:	
1.				-				
	A factory located near a stream pumps heated water into the stream. The heated water decreases the amount of oxygen in the stream. A biology class is discussing what this decrease in oxygen would do to the stream. Carlos thinks less oxygen would change the type of organisms							
					, ,		y the same, but there would	
	be a lot less organisms.	zgari tilli	iko tric	type or o	rgariisiri.	s would sta	y the same, but there would	
	io do you agree with?	Carlos F	⊒Mogo,	n Dhoth	Carlos	and Magan		
	ny are they right? What wo		•			· ·		
VVI	iy are they right? What wo	υια παρμ	Jen II O	xygen in	a Silean	Tuecrease	5!	
 2.	Do these organisms eat?							
	Do algae eat?	□ Yes	□ No					
	Do bacteria eat?	□ Yes	□ No					
	Do decomposers eat?	□ Yes	□ No					
	Do fish eat?	□ Yes						
	Do fungi eat?	□ Yes						
	Do insects eat?	□ Yes						
	Do plants eat?	□ Yes						
Wh	at is the difference between			at eat an	d organi	sms that do	on't eat?	
• • • •	at to the amerones between	on organ	101110 111	at out an	a organi	omo mar a	sir t out.	
Wh	y do organisms eat?							
	y do organionio can							

	her: Period: Date: Grade: Your Initials: glacier is melting and as a result, a new stream is being formed. Initially the stream has almost								
•	b living things in it, but over the next 10 years, more and more living things will be found in the								
	ream.								
	nagine you work for the U.S. Fish and Wildlife Service and you need to predict what SPECIFIC	,							
	ring things will be found in the stream in 10 years.								
	How would you predict what organisms would be in the stream in 10 years? DON'T make a list of								
	organisms. Tell us how you would make your predictions. Be as detailed as you can in your answer.								
0.9	nomer for action you mound make your production. Do do detailed de you can in your anem								
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		_							
		_							
		_							
b.	What are some interactions (relationships) with other living things that could affect if an insec								
car	survive and reproduce on the newly formed stream?								
		_							
		_							
		_							
Pic	one specific interaction that you provided and describe how that would work.								
		_							
		_							
		_							

Teacher:	Period:	_ Date:	Grade:	_ Your Initials:				
c. What are some <i>enviror</i>	nmental (abio	tic) factors that	could affect if	an insect could survive and				
eproduce on the newly formed stream?								
Pick one specific factor that you provided and describe how that would work.								

Teacher:	_ Period:	Date:	Grade:	_ Your Initials: _				
4. Bob's lab group want increase the number of snaid a stream. They made this forweb showing how the snails connected with other organic	ils in ood s are		fish	RI CONTRACTOR OF THE PARTY OF T				
Which of the following action would affect the number of snails?	ns SCI	ud cra	inefly	snail	water beetle			
Adding more fish to the stre Increase number of snails Decrease number of snails No effect on number of si Explain your reasoning.	s ils nails	dead leaves		green	algae			
Removing scuds from the stream? ☐ Increase number of snails ☐ Decrease number of snails ☐ No effect on number of snails Explain your reasoning.								
Removing trees from the shore of the stream? ☐ Increase number of snails ☐ Decrease number of snails ☐ No effect on number of snails Explain your reasoning.								
Adding nitrogen fertilizer to Increase number of snails Explain your reasoning.	s 🛘 Decreas				snails			