

Table 1: Write a brief description of the model run and record the number of nutrient packets at each junction in the table below.

	Description of model run <i>(e.g., All tributaries began with equal nutrient inputs.)</i>	Nutrient packets at each junction							Basin Mouth
		1	2	3	4	5	6	7	
Model Run 1	All tributaries began with 3 nutrient packets.	3+3+3 =9							
Model Run 2									
Model Run 3									
Model Run 4									

Table 2: Use the scale bars on the Student Worksheet to determine which organisms can survive in the water at certain oxygen levels.

	Nutrient packets at basin mouth at model run end	Algal growth level (1-10)	Remaining oxygen level in water (mg/L)	Organisms that can survive (circle)
Model Run 1				Striped Bass Aquatic worms Yellow Box Crab Gulf Flounder Eastern Oyster
Model Run 2				Striped Bass Aquatic worms Yellow Box Crab Gulf Flounder Eastern Oyster
Model Run 3				Striped Bass Aquatic worms Yellow Box Crab Gulf Flounder Eastern Oyster
Model Run 4				Striped Bass Aquatic worms Yellow Box Crab Gulf Flounder Eastern Oyster