	nd function related in living t Level		
Component	0	1	2
Claim regarding structure and function argument	Claim is inaccurate Structure and function are related because animals are probably on a task and they might need a group.	Claim is accurate but incomplete. They have several parts which makes a structure and each part is helpful and needed.	Claim is accurate and complete. One way a function is related to a structure is that a function can be performed by a structure on the animal or a behavior that the animal does.
Scientific data that supports the claim. The data needs to be appropriate and sufficient to support the claim.	Evidence is not included or evidence does not match the claim.	Provides appropriate, but insufficient evidence to support claim.	Provides appropriate and sufficient evidence to support claim.
	For example, the cages in class have animals that have what they need.	A snail needs its shell for the protection .The fish needs gills to breathe, a mouth to eat, fins to swim and eyes to see. They each have something that is very useful and needed.	A frog has two webbed feet, a structure, to perform the function of moving. For getting food, a frog has a mouth, a structure that it uses to get food into its system.
A justification that links the claim and evidence and includes appropriate and sufficient scientific principles to defend the claim and evidence.	Does not provide reasoning, or only provides reasoning that does not link evidence to claim.	Repeats evidence and links it to the claim. May include some scientific principles, but not sufficient. ————————————————————————————————————	Provides accurate and complete reasoning that links evidence to claim. Includes appropriate and sufficient scientific principles.

McNeill, K.L., and J. Krajcik. 2012. Supporting grade 5–8 students in constructing explanations in science: The claim, evidence and reasoning framework for talk and writing. New York: Pearson Allyn & Bacon.