Group presentation rubric

	ADVANCED	PROFICIENT	DEVELOPING	ABSENT
Constructing explanations for cycling of matter	Explanations for how carbon, nitrogen, phosphorus, and water cycle through the ecosystem are accurate and complete	Explanations for how carbon, nitrogen, phosphorus, and water cycle through the ecosystem are accurate, with few missing steps	Explanations for how carbon, nitrogen, phosphorus, and water cycle through the ecosystem inaccurate or missing many steps	Explanation of matter cycling not present
Constructing explanations for energy flow	Explanations for how energy flows through the trophic levels of the ecosystem are accurate and complete	Explanations for how energy flows through the trophic levels of the ecosystem are accurate, with few missing steps	Explanations for how energy flows through the trophic levels of the ecosystem are inaccurate or missing many steps	Explanation of energy flow not present
Developing and using models	A jar ecosystem is completed, along with an argument based on abundant evidence that the jar is a suitable model of the larger ecosystem	A jar ecosystem is completed, along with an argument based on some evidence that the jar is a suitable model of the larger ecosystem	A jar ecosystem is completed, but the argument and evidence to support the model design are lacking	Jar ecosystem and/or supporting arguments not present
Evaluating evidence of stability and change	Abundant evidence of any changes to the ecosystem resulting from the disturbance is clearly presented, along with an argument based on abundant evidence for how the disturbance might play out in a larger system	Some evidence of any changes to the ecosystem resulting from the disturbance is clearly presented, along with an argument based on some evidence for how the disturbance might play out in a larger system	Minimal evidence of any changes to the ecosystem resulting from the disturbance are presented, and the argument for how the disturbance might play out in a larger system is based on little or no evidence	Argument and/or evidence not present
Oral presentation	A completed and polished slideshow is presented, and all group members participate in a professional manner	A completed slideshow is presented, and most group members participate in the presentation	Slideshow lacks some of the required elements, and/or multiple group members do not participate in the presentation	No oral presentation given