

**Smore Ecosystems - Science Rubric**

Name \_\_\_\_\_

Standard		<b>Not Observed 0</b>	<b>Needs Improvement 1</b>	<b>Making Progress 2</b>	<b>Satisfactory 3</b>	<b>Score</b>	
<p><b>S4L1.</b> Obtain, evaluate, and communicate information about the roles of organisms and the flow of energy within an ecosystem. Communicate information about the roles of organisms and the flow of energy within an ecosystem.                      d. Use printed and digital data to develop a model illustrating and describing changes to the flow of energy in an ecosystem when plants or animals become scarce, extinct, or over-abundant.</p>	<p style="text-align: center;">Collaborative Work</p>	Did not have a background.	Has a background that does not go with the topic.	Has a background that somewhat goes with the topic.	Has a background that compliments the topic.		
		No animal, insect or plant was chosen. No pictures included	The animal, insect or plant was chosen. one picture included	The animal, insect or plant was chosen. Two pictures included.	The animal, insect or plant was chosen. three pictures included		
		No habitat and location included	Only habitat was included or only location was included	Habitat and location included with no detail.	Habitat and location included with 2 details about each.		
		No information about how your animal/plant/insect gains it's energy	Gives one detail about where your animal, plant or insect gains its energy.	Gives two details about where your animal, plant or insect gains its energy.	Gives three details about where your animal, plant or insect gains its energy.		
		Does not state if the animal/plant/insect is a producer, consumer or decomposer.	States if the animal/plant/insect is a producer, consumer or decomposer and gives one detail.	States if the animal/plant/insect is a producer, consumer or decomposer and gives two - three details.	States if the animal/plant/insect is a producer, consumer or decomposer and gives four or more details.		
	<p style="text-align: center;">Individual Work</p>	Does not state the topic they are addressing: <u>scarcity</u>	Gives one detail to explain the consequences of scarcity.	Gives two-three details to explain the consequences of scarcity.	Gives three-four details to explain the consequences of scarcity.		
		Does not state the topic they are addressing: <u>over-abundance</u>	Gives one detail to explain the consequences of over-abundance.	Gives two-three details to explain the consequences of over-abundance.	Gives three-four details to explain the consequences of over-abundance.		
		Does not state the topic they are addressing: <u>extinction</u>	Gives one detail to explain the consequences of extinction.	Gives two-three details to explain the consequences of extinction.	Gives three-four details to explain the consequences of extinction.		
		<b>Total: _____/24</b>					

