

Scientific Argumentation Rubric

Student can demonstrate logical reasoning in explaining natural phenomena,

	3	2	1	0
Claim Statement that answers the original question	Makes accurate and complete claim.	Makes an accurate claim	Makes an inaccurate claim	Student does NOT make a claim
Evidence: 1) Angiosperms carry out sexual reproduction. They contain male and/or female parts. 2) The process of pollination depends on pollen being carried by pollinators from an anther to a stigma. 3) Flowers depend on pollinators for reproduction. 4) Pollinators depends on flowers for pollen (source of protein). 5) Species specific coevolution of flowers and angiosperms. 6) The graph indicates a 41% decline in pollinating insects.	Student includes 3 lines of evidence	Student includes 2 line of evidence	Student includes 1 line of evidence	Student does not include any evidence.
Reasoning Explains why or how evidence supports claim using observations and evidence obtained during the lesson.	Students makes argument to support claim using the reasoning of at least 3 lines of evidence.	Students makes argument to support claim using the reasoning of at least 2 line of evidence.	Students makes argument to support claim using the reasoning of at least 1 line of evidence.	Students makes no argument to support claim.

Total Points _____/9