

General Science Rubric

	Beginning 1	Developing 2	Meets Standard 3	Advanced 4
Conceptual Understanding	I attempted to demonstrate the concept but got stuck. Scaffolding or support didn't help.	I demonstrated some understanding of the concept. Scaffolding was needed and may have helped.	I independently demonstrated a reasonable understanding of the concept based on patterns and connections I am making.	I independently demonstrated a deep and accurate understanding of the concept based on patterns and connections I am making.
INQUIRY: Collection and Representation of Data/Observation	I tried to collect data/observations but my use of tools and measurements made it difficult to trust my records, even with teacher assistance.	I collected data/observations but needed prompting about the tool I was using, the way I was measuring, and/or the details of my records.	I independently collected and presented data/observations using appropriate tools and units of measure (as relevant).	I independently collected and presented detailed data/observations using effective tools and units of measure for precision .
INQUIRY: Analysis of Data/Observation	I tried to analyze my data/observation but was unable to recognize patterns and connections even with teacher assistance.	I tried to analyze my data/observations and needed teacher confirmation or redirection to recognize patterns and connections.	I independently analyzed data/observations to recognize patterns and connections.	I independently analyzed data/observations to identify and confirm patterns and connections.
INQUIRY: Scientific Communication	When I tried to explain my results/observations, I retold instead of drawing conclusions even with teacher redirection.	I tried to explain my results/ observations but the conclusions are disconnected from the data or the language was inaccurate or unclear. Scaffolding was needed and may have helped.	I independently explained my results/ observations to draw reasonable conclusions using appropriate language.	I independently and clearly explained my results/observations to draw reasonable conclusions using precise language and considered other questions.