

Claim \Rightarrow Evidence \Rightarrow Reasoning

Question/Phenomenon:	
Claim: directly answers the question <ul style="list-style-type: none"> • _____ happened when _____ • I observed _____ when _____ • I compared _____ and _____ • I noticed _____, when _____ • The effect of _____ on _____ is _____ 	
Evidence- The scientific data that support the claim: includes observations, measurements, results from investigations, examples, data table information, etc. <ul style="list-style-type: none"> • In the data _____ • The evidence I use to support _____ is _____ • I believe _____ because _____ • I know that _____ is _____ because _____ • Based on _____, I think _____ • Based upon _____, my hypothesis is _____ 	Reasoning- Explains why the evidence supports the claim, gives a logical connection between the evidence and claim. Why is it valid? Includes scientific principle and background knowledge. <ul style="list-style-type: none"> • The reason I believe _____ is _____ • All of this proves that _____ because _____ • Based on the evidence, we can conclude _____ because _____ • From this evidence, the conclusion we can make is _____ because _____ • These facts work together to build a case that _____ because _____

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