

Developing a Scientific Explanation Tool (DSET)

What is the question?

Components of a scientific explanation

Evidence <i>What is the data that addresses your question?</i>	Claim <i>What is the answer to your question?</i>	Scientific Reasoning <i>What are the scientific principle(s) that form a logical argument about the relationship between the claim and evidence?</i>
I observed...	The answer to my question is...	My Science Concept is: Therefore... (describe connection between evidence and claim)

Scientific Explanation = Claim + Evidence + Scientific Reasoning

My claim is (fill in with above claim) because (evidence and scientific reasoning)