Kennedy High School: Critical Thinking and Problem Solving - Science								
Goal: 9/15	**EXEMPLARY (5)**	**Advanced (4)**	**Proficient (3)**	**Progressing (2)**	**Developing (1)**	**Beginning (0)**	Student Score	Teacher Score
Claim *An assertion or conclusion that answers the original question/problem*	Makes an assertion or conclusion that addresses the original question or problem about a phenomenon that elaborates on details and connects to the prompt or real world scenarios	Makes an assertion or conclusion that addresses the original question that contains elaborate details and explanation	Makes an accurate and complete assertion or conclusion	Makes an assertion or conclusion that is accurate but very vague or incomplete or makes an incomplete assertion or conclusion that is detailed	Makes an assertion or conclusion that has some inaccuracies	Makes no assertion or conclusion or the assertion or conclusion is completely inaccurate/irrelevant		
Evidence *Scientific data that supports the claim. The data needs to be valid and reliable.*	Specific data(e.g. quantitative and qualitative) from multiple sources and/or the investigation is provided and there is a detailed explanation accompanying this as well as potential predictions and outcomes made	Provides detailed appropriate , and specific evidence in the form of data (e.g. quantitative and qualitative) from the investigation and there is a detailed explanation accompanying this evidence	Provides appropriate and sufficient evidence or specific data (e.g. quantitative and qualitative) from the investigation	Evidence is appropriate but is vague and does not include specific data	Evidence is provided but it is vague	Provides no evidence		
Reasoning *A justification that connects the evidence to the claim. It shows why the data counts as evidence by using appropriate and sufficient scientific principles.*	Provides reasoning that links the evidence to the claim and includes appropriate connections to scientific principles. The reasoning includes a well-justified explanation based on data provided and elaborates on this bringing in.	Provides reasoning that links the evidence to the claim and includes appropriate connections to scientific principles. The reasoning includes a well-justified explanation based strictly on data provided and the knowledge in the claim.	Provides reasoning that links the evidence to the claim and includes appropriate and sufficient scientific principles	Repeats the evidence and links to the claim but linkage to scientific principles is vague or incorrect.	Repeats the evidence and links to the claim but does not include scientific principles	Provides no reasoning or the reason is inappropriate or unsupported in the data.		
						Total Score (out of 15):		