

MAKE YOUR PROBE EXPLANATION

CI-Ev-R

CLAIM

◆ Relevant

- The claim directly & clearly responds to the probe question.
 - Does your claim answer the probe question?

◆ Stands Alone

- The claim statement is complete
 - Did you state your claim as a complete sentence?
 - Did you write your claim so that someone who didn't see the probe question would understand your claim?

EVIDENCE

◆ Appropriate

- Is this type of evidence scientifically appropriate for supporting the claim?
 - **Scientific Data and Information**
 - Did you do any investigations in school or use scientific resources that provide data and information you could use as evidence?
 - Observations in natural settings
 - Controlled experiments and other scientific investigations
 - Measurements
 - Valid scientific sources
- Is this type of evidence from your own personal information and experiences?
 - **Personal Information and Experiences**
 - Do you have any experiences or other information from outside of school that you could use to support your claim?
 - Opinions or beliefs
 - Information from print resources, video, Internet
 - Everyday experiences

◆ Sufficient

- Is there enough evidence to support the claim?
- Can you think of additional evidence?

REASONING

◆ Stands Out

- Is the reasoning clearly communicated?
- Does it not merely repeat the claim and evidence?

◆ Link Between Claim and Evidence

- Why this data should count as evidence.
 - Did you explain why your evidence supports the claim?

◆ Use of a Scientific Principle or Knowledge

- Is there a scientific principle you can use to support your reasoning?
- Are there concepts or ideas you learned in science that support your reasoning?