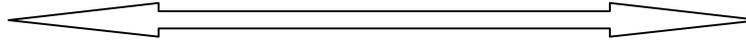


Science Teacher Inquiry Rubric (STIR)

Directions: Reflect on the science lesson that you taught today. In your reflection, consider each of the following categories and the six statements on the left, written in bold. After looking at each bold statement, assess today's science instruction based on the categories delineated for statement. Place one "X" in the corresponding cell for each bold-faced statement. If there is no evidence of one of the statements in today's lesson, place a slash through the bold-faced statement. When you are finished, you should have 6 total responses.

Learner Centered



Teacher Centered

Learners are engaged by scientifically oriented questions.					
Teacher provides an opportunity for learners to engage with a scientifically oriented question.	Learner is prompted to formulate own questions or hypothesis to be tested. <input type="checkbox"/>	Teacher suggests topic areas or provides samples to help learners formulate own questions or hypothesis. <input type="checkbox"/>	Teacher offers learners lists of questions or hypotheses from which to select. <input type="checkbox"/>	Teacher provides learners with specific stated (or implied) questions or hypotheses to be investigated. <input type="checkbox"/>	No evidence observed. <input type="checkbox"/>
Learners give priority to evidence, which allows them to develop and evaluate explanations that address scientifically oriented questions.					
Teacher engages learners in planning investigations to gather evidence in response to questions.	Learners develop procedures and protocols to independently plan and conduct a full investigation. <input type="checkbox"/>	Teacher encourages learners to plan and conduct a full investigation, providing support and scaffolding with making decisions. <input type="checkbox"/>	Teacher provides guidelines for learners to plan and conduct part of an investigation. Some choices are made by the learners. <input type="checkbox"/>	Teacher provides the procedures and protocols for the students to conduct the investigation. <input type="checkbox"/>	No evidence observed. <input type="checkbox"/>
Teacher helps learners give priority to evidence which allows them to draw conclusions and/or develop and evaluate explanations that address scientifically oriented questions.	Learners determine what constitutes evidence and develop procedures and protocols for gathering and analyzing relevant data (as appropriate). <input type="checkbox"/>	Teacher directs learners to collect certain data, or only provides portion of needed data. Often provides protocols for data collection. <input type="checkbox"/>	Teacher provides data and asks learners to analyze. <input type="checkbox"/>	Teacher provides data and gives specific direction on how data is to be analyzed. <input type="checkbox"/>	No evidence observed. <input type="checkbox"/>

