Heat Transfer Demonstration Pre-Assessment Rubric

Category	4-Advanced	3-Proffiecient	2-Partially Proficient	1- Unsataisfactory
Drawings/Captions	Exceptional detail Exceptional use of color for communication Additional captions which add to the understanding of the demonstration	Drawing clearly illustrates the system used to demonstrate three forms of heat transfer Color is used for clarification. All parts are labeled Captions help explain procedure and scientific explanation included in demonstration How radiation was identified observed in this demonstration How convection was observed in this demonstration How conduction was observed in this demonstration	One of the criteria for the 3-Proficient response is missing or incomplete.	Two or more of the criteria for the 3-Proficient response are missing or incomplete
Summary Paragraph	Discussion includes additional insight relevant to the topic:Specific cases of heat transfer in the "real world".	Clearly explains how the system models the three types of heat transfer and the evidence we used to identify them: Radiation occurs Convection is heat transferred Conduction is heat transferred through	One of the criteria for the 3-Proficient response is missing or incomplete.	Two or more of the criteria for the 3-Proficient response are missing or incomplete

Heat Transfer Demonstration Pre-Assessment Rubric

Category	4-Advanced	3-Proffiecient	2-Partially Proficient	1- Unsataisfactory
Drawings/Captions	Exceptional detail Exceptional use of color for communication Additional captions which add to the understanding of the demonstration	Drawing clearly illustrates the system used to demonstrate three forms of heat transfer Color is used for clarification. All parts are labeled Captions help explain procedure and scientific explanation included in demonstration How radiation was identified observed in this demonstration How convection was observed in this demonstration How conduction was observed in this demonstration	One of the criteria for the 3-Proficient response is missing or incomplete.	Two or more of the criteria for the 3-Proficient response are missing or incomplete
Summary Paragraph	Discussion includes additional insight relevant to the topic:Specific cases of heat transfer in the "real world".	Clearly explains how the system models the three types of heat transfer and the evidence we used to identify them: Radiation occurs Convection is heat transferred Conduction is heat transferred through	One of the criteria for the 3-Proficient response is missing or incomplete.	Two or more of the criteria for the 3-Proficient response are missing or incomplete