

# MIDDLE TENNESSEE STEM INNOVATION HUB STEM EXPO RUBRIC

**Student(s) Name(s):**

**School:**

**Project #**

**Project Title:**

**Evaluator's Name and Number:**

<b>STRONGLY AGREE (4 POINTS):</b> Indicates project met the requirements and exceeded the requirements in some aspects <b>AGREE (3 POINTS):</b> Indicates project met the requirements <b>DISAGREE (2 POINTS):</b> Indicates project did not meet the requirements <b>STRONGLY DISAGREE (1 POINT):</b> Project did not address the requirements	EVALUATION			
	STRONGLY AGREE	AGREE	DISAGREE	STRONGLY DISAGREE

## Scientific Research/Design Process

<b>Purpose</b> – A purpose (question or problem) is provided, and the purpose is specific, clear, and stated succinctly. The project communicates the reason it is important.				
<b>Research</b> – Evidence of background research. Background research is sufficient and has been used to inform and create the hypothesis/requirements.				
<b>Hypothesis/Requirements</b> – Hypotheses or requirements are provided, and they are clear and concise. The project addresses the purpose question. The project reflects why the hypothesis or design solution best fits the question/problem.				
<b>Materials</b> – All materials used for the project are listed and adequately explained when necessary.				
<b>Procedure/Experiment</b> – Procedures are described step-by-step and easily understood by the audience. The project shows evidence of replication or iterative improvement.				
<b>Results</b> – Results are provided and easy to understand. Results provide information that answers the purpose question.				
<b>Conclusion/Analysis</b> – A conclusion or summary is provided. It indicates whether the hypothesis/approach was correct or not, and there is an explanation for why or why not.				
<b>Originality</b> – The project or approach is unique. The student(s) chose a novel topic or took a commonly used topic and changed it to make it different and interesting.				

## Presentation/Interview

<b>Design</b> – The overall design catches your attention and draws you in. The display titles and headings are large enough to be seen from a distance. Pictures, graphs, and/or tables have captions. Space is used effectively.				
<b>Appearance</b> – The approach is placed in order and easy to follow. Effort was taken to make the lettering and pictures look straight and neat. Grammar, spelling, and punctuation was used correctly.				
<b>Presentation</b> – The presenters clearly describe the project in a step-by-step easy to follow manner without reliance on the information on the display. Presenters speak with knowledge and understanding of the project in interesting and enthusiastic way.				
<b>Questions</b> – Presenters easily answer questions about the project providing logical answers and easily defend design choices or conclusions made.				

**Cumulative Score**