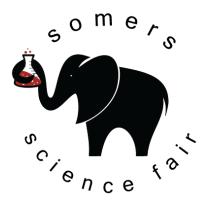
POSTER #



JUDGE#

## **Main Rubric**

## **2017 Somers Science Fair Grading Rubric**

Please circle a whole number only for each category.

Guidelines	Score (1 = lowest)												
I. Introduction & Background Information from RELATED Research													
<ul> <li>Clearly explains area of research</li> <li>States why the research is important</li> <li>Uses and explains key scientific terms</li> <li>Fully cites and discusses at least 3 previous scientific studies</li> </ul>	1	2	3	4	5	6	7	8	9 10	11	12	13	14 15
<ul> <li>II. Problem Statement ("Gap") / Goals / Hypothesis from STUDENT'S INTENDED Research</li> <li>Clearly explains current lack of knowledge ("Gap")</li> <li>Thoroughly discusses connection between past research and intended research ("Funnel Effect")</li> <li>Clearly states goals of intended research</li> <li>Clearly states and justifies hypothesis</li> </ul>	1		2		3	4		5	6	7	8	9	10
<ul> <li>III. Methodology / Materials from STUDENT'S INTENDED Research</li> <li>Suggests logical intended methodology based on previous related research</li> <li>Explains how key steps in intended methodology would address the goal</li> <li>If controls and variables are necessary, clearly explains both</li> <li>If a survey will be used, the questions adequately address the goal</li> </ul>	1		2		3	4		5	6	7	8	9	10

<ul> <li>IV. Results / Analysis / Discussion / Conclusion from RELATED Research</li> <li>Clearly shows related research results and/or data in tables, charts or graphs</li> <li>Displays proper titles, labels, units, and captions</li> <li>Includes citations for all information</li> <li>Student clearly and adequately explains the related results</li> </ul>	1		2	3	3	4		5	6		7	8	9	10
<ul> <li>V. Importance / Application / Future Focus         of <u>RELATED</u> &amp; <u>STUDENT'S INTENDED</u> Research</li> <li>Explains potential impact of findings from related         and intended research</li> <li>Demonstrates a clear direction for further         research</li> </ul>		1	2		3	4		5	ŧ	5	7	8	9	10
<ul> <li>VI. Student Understanding/Questions &amp; Answers</li> <li>Fully answers questions, further demonstrating understanding</li> <li>Speaks well and clearly explains all aspects of project while answering questions</li> </ul>	1	2	3	4	5	6	7	8	9	10	11	12	13	14 1
<ul> <li>VII. Verbal Presentation</li> <li>Presents material in a clear, organized manner</li> <li>Demonstrates enthusiasm</li> <li>Maintains good eye contact and posture</li> <li>Rarely says: "um," "ah," "like," etc.</li> <li>Shows definite/deep understanding of material</li> </ul>	1	2	3	4	5	6	7	8	9	10	11	12	13	14 1
<ul> <li>VIII. Physical Poster Presentation</li> <li>Text is clearly visible with readable formatting</li> <li>Information is "bulleted" without excessive amounts of text</li> <li>All words are spelled correctly</li> <li>Neat, organized, appealing visual presentation</li> </ul>	1	2	3	4	5	6	7	8	9	10	11	12	13	14 15

Official Use Only

Total Score