

POSTER #

JUDGE #



Main Rubric

2016 Westlake Science Fair Grading Rubric

Please circle a whole number only for each category.

Guidelines	Score (1 = lowest)
<p>I. Introduction & Background Information from <u>RELATED</u> Research</p> <ul style="list-style-type: none"> Clearly explains area of research States why the research is important Uses and explains key scientific terms Fully cites and discusses at least 3 previous scientific studies 	<p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15</p>
<p>II. Problem Statement (“Gap”) / Goals / Hypothesis from <u>STUDENT’S INTENDED</u> Research</p> <ul style="list-style-type: none"> Clearly explains current lack of knowledge (“Gap”) Thoroughly discusses connection between past research and intended research (“Funnel Effect”) Clearly states goals of intended research Clearly states and justifies hypothesis 	<p>1 2 3 4 5 6 7 8 9 10</p>
<p>III. Methodology / Materials from <u>STUDENT’S INTENDED</u> Research</p> <ul style="list-style-type: none"> Suggests logical intended methodology based on previous related research Explains how key steps in intended methodology would address the goal <i>If controls and variables are necessary</i>, clearly explains both <i>If a survey will be used</i>, the questions adequately address the goal 	<p>1 2 3 4 5 6 7 8 9 10</p>

----- Rubric continues on back -----

<p>IV. Results / Analysis / Discussion / Conclusion from RELATED Research</p> <ul style="list-style-type: none"> ▪ Clearly shows related research results and/or data in tables, charts or graphs ▪ Displays proper titles, labels, units, and captions ▪ Includes citations for all information ▪ Student clearly and adequately explains the related results 	<p>1 2 3 4 5 6 7 8 9 10</p>
<p>V. Importance / Application / Future Focus of RELATED & STUDENT'S INTENDED Research</p> <ul style="list-style-type: none"> ▪ Explains potential impact of findings from related and intended research ▪ Demonstrates a clear direction for further research 	<p>1 2 3 4 5 6 7 8 9 10</p>
<p>VI. Student Understanding/Questions & Answers</p> <ul style="list-style-type: none"> ▪ Fully answers questions, further demonstrating understanding ▪ Speaks well and clearly explains all aspects of project while answering questions 	<p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15</p>
<p>VII. Verbal Presentation</p> <ul style="list-style-type: none"> ▪ Presents material in a clear, organized manner ▪ Demonstrates enthusiasm ▪ Maintains good eye contact and posture ▪ Rarely says: "um," "ah," "like," etc. ▪ Shows definite/deep understanding of material 	<p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15</p>
<p>VIII. Physical Poster Presentation</p> <ul style="list-style-type: none"> ▪ Text is clearly visible with readable formatting ▪ Information is "bulleted" without excessive amounts of text ▪ All words are spelled correctly ▪ Neat, organized, appealing visual presentation 	<p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15</p>