

Science Fair Presentation Rubric (Visual)

	4	3	2	1
Does the project show creative ability and originality?	Yes; original topic and creative	Yes creative, however this experiment has been done a lot	This experiment has been done often and is not as creative as desired	This experiment is highly over done, and is pretty basic
Is the problem clearly stated? Is the problem sufficiently limited to allow plausible approach?	Yes the problem is documented clearly and in correct scientific form	Yes the problem is documented clearly however stated in less correct scientific form	Yes the problem is documented however hard to find	There is no problem present
Was there a procedural plan for obtaining the solution?	Yes, procedure is present, steps clearly outlined including measurements and important data	Yes, procedure is present, steps clearly outlined	Yes the procedure is present however the steps are slightly unclear	There is no procedure present
Are the variables clearly recognized and defined?	All variables are recognized and stated clearly in the data	Variables are not complete, however they are clearly stated in the data	Variables are not complete, stated in the data however are unclear	There are no variables present
Are there adequate data to support the conclusions? (more than 1 trial)	More than 1 trial was performed, with more than 1 subject	More than 1 trial was performed however 1 subject was used	1 trial was performed with more than 1 subject	1 trial and 1 subject was used
Is there an idea of further research or experiment? Are there additional uses for this experiment? (extension or next time we could test...)	An innovative "next step for discovery" was outlined clearly	A fix or change to the experiment was identified which would improve the experiment	A fix was identified however this would not improve the experiment	No additional research was found
Was the purpose carried out to completion?	The experiment was successfully completed	The experiment was completed unsuccessfully	The experiment was incomplete but on the way to being successful	The experiment was incomplete and unsuccessful
How much time did the team spend on the project	This project was well documented and it is obvious they spent weeks in preparation	This project was well documented however was done rather quickly	This project was documented and done quickly	This project was not well documented and done quickly
Are the required lab elements present (include purpose, hypothesis, variables, materials, procedure, results, analysis, conclusion and errors)	All lab requirements are present	Missing 1 lab requirement	Missing 2 lab requirements	Missing 3 or more lab requirements
How clearly is the data and results presented? (x2)	Data is clearly presented and visible from 6 meters with appropriate titles and graphs included	Data is clearly presented and visible from 3 meters with appropriate titles and graphs included	Data is presented, but unclear and / or unattractive and / or missing appropriate graphs or titles	Data is not present or poorly displayed in the work
How well does the project display explain the project?	Display is complete and interesting to look at	Display is complete but a little bit messy	Display is too small or messy	Display is small, messy and unattractive

/48 + /20 + /56 + Lab Rubric

Total = / = %

Science Fair Presentation Rubric (Oral)

	4	3	2	1
Complete explanation of experiment was included (include purpose, hypothesis, variables, materials, procedure, results, analysis, conclusion and errors)	All parts of the lab explained including problem, hypothesis, variables, procedure results, conclusion and error analysis	Missing 1-2 parts of the lab. Would still be able to duplicate the lab if required to do so.	Missing 3=4 parts of the lab. It would be difficult to duplicate this lab based on the oral presentation.	Skimmed over the details of the lab, unable to duplicate lab due to lack of information in the discussion
Background information was incorporated into the presentation	A detailed description of the research was included in the oral description that assisted in understanding the lab	A brief description of the research was included in the oral description that assisted in understanding the lab	A brief description of the research was included, however it was not helpful in understanding the lab	No discussion of background research was included in the oral report.
Visual interest	Presentation included successful visual demonstration of the experiment	Presentation included visual demonstration of the experiment (however it was unsuccessful)	Presentation included relevant pictures of the experiment or relevant parts of the results, however performance of the lab was not incorporated into the lab presentation.	Presentation contained no visual interest
Voice	Voice was loud, clear and interested (no hmms, umms, or giggles in the oral)	Voice was loud and clear (a few umms but overall very focused)	Voice was loud but difficult to understand or follow	Voice was inaudible (too quiet or too mumbled)
Presentation	Exceptional presentation, including eye contact and obvious preparation	Great presentation including eye contact and some reading	Presentation included limited eye contact	Presentation was unprofessional, no eye contact

Science Fair Background Essay Rubric

	4	3	2	1
Quality of Information (x 5)	Information clearly relates to the main topic. It includes several supporting details and/or examples.	Information clearly relates to the main topic. It provides 1-2 supporting details and/or examples.	Information clearly relates to the main topic. No details and/or examples are given.	Information has little or nothing to do with the main topic.
Amount of Information (x 2)	12 page minimum	Less than 10 pages or more than 14 pages	Less than 8 pages or more than 16 pages	No report present or less than 6 pages
Flow (x2)	Information flowed in correct essay form.	Information was slightly choppy, but easy to follow. If information was broken up into sections, connections between sections were apparent.	Information was broken up into separate sections, and connections between the sections were unclear.	Flow of essay was not present. Essay was difficult to follow and read.
Mechanics (x2)	No grammatical, spelling or punctuation errors. No personal reference included.	Almost no grammatical, spelling or punctuation errors. Personal reference was present (I, we...)	A few grammatical spelling, or punctuation errors. Personal reference was prevalent (a lot of I or we)	Many grammatical, spelling, or punctuation errors. The essay was difficult to follow.
Sources (x 3)	All sources (information and graphics) are accurately documented in the desired MLA format both in the work cited and throughout the essay.	All sources (information and graphics) are accurately documented, but are not present within the essay (only present in the work cited area)	All sources (information and graphics) are accurately documented, but many are not in the desired format (MLA format)	Some sources are not accurately documented. Only the website is mentioned.

MLA Sourcing Format for Internet Resources

Editor or Author Name. Name of Site. Version Number. Name of Institution Affiliated with Site or Publisher, date of resource creation. Mode of Publication (usually Web). Date of Access. URL.

In text citation (Author, pg - if book, date of publication) or (Title, date)