

Project Elements	DESCRIPTION OF CRITERIA	Possible Score	Score
	LIMIT: 5 double-spaced pages + Bibliography/Works Cited page. 2-3 add'l pages allowed w/graphs/tables/diagrams ONLY. Pages may be double-sided. Paper is Age-Appropriate.		
APPROVAL FROM TEACHER	All students choosing to complete a Research Review Paper are required to have approval from their teacher <b>prior</b> to the beginning of their study. The student has uploaded a safety form, or included their teacher approval in their research paper.	0-5	
TITLE & DESCRIPTION	Title and description of project. Title accurately describes the research. Description is 50 words or less.	0-5	
INTRODUCTION & BACKGROUND	Student introduces specific question, provides background information of science concepts related to their question. History – highlights key discoveries and early research. Significance – explains the importance of this research. Explains why the student is interested in the topic.	0-10	
BIBLIOGRAPHY & SOURCE CREDIT	Includes at least 3 reliable sources. Student is careful to give proper credit. Use quotes and citations to cite a fact, quote directly from a source. The citation is set off using "signal phrase" or with parentheses and is cross-referenced in the Bibliography.	0-10	
<b>RESEARCH AND BODY OF THE PAPER:</b>			
	<b>Research the topic.</b> Student clearly defines why topic is important or "how can I or society make this better." All information should be in student's own words unless cited. Research contains sufficient information to provide a scientific explanation. Shows evidence student understands project. Research is age-appropriate. Research can be interviews with knowledgeable adults (with permission and oversight of parent) as well as reliable internet sources and books. Facts – tells what is known about the topic. Method – tells how this topic is being studied.	0-30	
	<b>Possible Solutions:</b> Student describes possible solutions that are being studied by their reliable internet sources, books and articles. Student documents what solutions or technologies already exist.	0-10	
	<b>Data:</b> Data that is collected from reliable source/s is organized, properly labeled, and presented as a data table, graph, photos or illustrations.	0-10	
	<b>More to study:</b> Student describes their own ideas or additional ideas that are under investigation by universities and research laboratories.	0-5	
	<b>Conclusion &amp; Reflection:</b> Reflects what the student has learned. Were there any surprises? Student demonstrates an understanding of the subject matter. Conclusions and applications are clear and supported by research data.	0-10	

REVISED for 2025 Fair

Total Possible Score 90

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