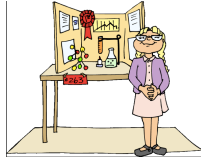


Student Name: \_\_\_\_\_ Section: \_\_\_\_\_ Date: \_\_\_\_\_

**Science 7/8 Grade Lab Report and Lab Notebook Checklist**



Category	Exemplar Description	Check it!
Title Page	“Snappy” title that reflects the subject of your topic  Includes both a creative or snappy title and investigative question  Correctly formatted (see Google Doc template)  Illustrative graphic or photo of your experiment (not taken from the internet)	
Investigative Question	Correctly formatted; clear and concise	
Statement of Purpose	Purpose explains the goal(s) of the project in a clear fashion	
General Knowledge	Describes what you knew about your topic prior to the project start  Explain your particular interest in the topic or project with telling details  May also include information regarding a real-world application of project	
Hypothesis	Hypothesis is a predicted outcome of the project <b>based upon background research</b> . Students are expected to directly cite or refer to their individual background research to support their hypothesis. Expected length is 1-2 paragraphs.	

Category	Exemplar Description	Check it!
Research	<p>Note: Required for students who wish to be eligible for the regional fair, strongly suggested for other students.</p> <p>a.) Background research is accurate and thorough: it examines what is already known about the investigative question</p> <p>b.) Research is completed using at least four online or other resources and four completed research organizers</p> <p>c.) Research is at least 5 paragraphs in length</p> <p>d.) Research includes proper introduction, content paragraphs, and conclusion</p> <p>e.) At least one MLA style parenthetical citation is included (7th Grade)</p> <p>f.) At least two to three MLA style parenthetical citation are included (8th Grade)</p>	
Variables and Controls	Variables and controls are listed and properly identified (including IV, DV, SV and CG)	
Material List	<p>Material list is clear and complete</p> <p>Uses SI units (metric system)</p>	
Procedure	<p>Procedures are outlined in clear step by step fashion, can be easily replicated</p> <p>Using command statements</p> <p>Use SI units (metric system)</p> <p>Images may be necessary to further illustrate experimental design and procedure</p>	
Data Collection Methods	Data collection methods explain how data was collected and units used for measurement	

Category	Exemplar Description	Check it!
Data Presentation	<p>Tables, graphs, and charts accurately and neatly display data</p> <p>Includes at least one graph and one table/chart with labels</p> <p>Use color</p> <p>Photographs of experiment are included</p>	
Conclusion	<p>Logical and organized</p> <p>Hypothesis is restated</p> <p>Refers to data collected during experiment</p> <p>Includes how to solve any issues with experimentation and how to make general improvements of experimental design</p> <p>Includes mention of future study (extension or expansion of project)</p> <p>Refers again to real-world application of project (Why is this project important? How does it benefit society?)</p>	
Bibliography (Works Cited)	<p>Lists sources in a clear and correct format (MLA)</p> <p>At least 4 sources are included</p>	
Mechanics	<p>Grammar and spelling: none to relative few errors in grammar and spelling</p>	
Laboratory Notebook	<p>Well documented and organized entries, it shows careful observations, dates, research, and references</p>	