

## RUBRIC FOR SCIENTIFIC RESEARCH

		9-10 POINTS		6-8 POINTS		5 OR LESS POINTS
<b>Stated Problem</b>	Stated at the beginning		Stated		Not stated	
<b>Research The Problem</b>	Statements supported by resources and or surveys		Statements unsupported by resources and/or surveys		Not included	
<b>Hypothesis</b>	Logical and complete		Complete, but not logical		Not complete	
<b>Procedure</b>	Clear, step-by-step outline of experiment with details, controls and variable stated		Clear, step-by-step outline without details, controls and variable stated		Unclear statements, explaining steps, controls and variable not stated	
<b>Test The Hypothesis</b>	Follows procedures, records observations, collects complete details and data		Follows procedures, records observations, collects data		Incomplete procedures, sporadic observations, unclear data	
<b>Organized Data</b>	Computer generated charts and graphs, titles and labels complete, organized		Neat graphs, titles and labels complete, data makes sense, organized		Titles and labels incomplete, disorganized	
<b>Conclusion</b>	Extensively analyzes data, makes inferences, generalizations and predictions about results		Analyzes data and makes generalizations about results		Recalls data and states the results of the experiment	
<b>Application</b>	Creates real life applications from results		Applies knowledge to real life experiences		Minimal application to the real world	
<b>Lab Work</b>	Consistently works cooperatively, uses time constructively, practices safety, uses tools appropriately		Works cooperatively, uses time wisely, practices safety, uses tools appropriately		Minimal cooperation, ineffective use of time, practices safety, uses tools appropriately	
<b>Presentatio n</b>	Displays all steps of the scientific process, detailed explanations		Displays all steps of the scientific process, good explanations		Incomplete steps to the scientific process, illogical explanations	
<b>Total Points</b>						