

Broad Street Scientific Selection Rubric

Category	Details	Weight
Thoroughness of Research	<p>Are there controls?</p> <p>Are there repeated trials?</p> <p>Are there statistical analyses of uncertainties or errors?</p> <p>Does the student compare their outcomes to standards, calibrations or model results, or use multiple methods to get the same result?</p> <p>Are there appropriate citations ?</p>	0.3
Clarity	<p>Does the student clearly articulate the motivation, methods and results of the study ?</p> <p>Is the reasoning behind decisions and experimental design explained?</p> <p>Are the conclusions clearly supported by the data and analysis presented ?</p> <p>Did they communicate the impact of their results?</p> <p>Does the student use graphs and figures well?</p>	0.3
Engaging	<p>How interesting is the overall goal of the paper? Is it barely improving upon an AP Chem lab, or is it something really novel?</p>	0.3
Grammar Mechanics	<p>Are standard English conventions followed?</p> <p>Are there excessive grammatical/syntax errors?</p>	0.1
	Total	1