

	Written Analysis	Mechanics and Conventions
	<i>The extent to which the written analysis effectively evaluates the procedure, and shows an understanding of experimental design and extensions</i>	<i>The extent to which the written analysis of the model demonstrates knowledge of grammar and conventions, including vocabulary usage, punctuation, and spelling</i>
Weight (%)	80	20
6	<p>Very Effective Includes accurate and detailed evaluation of the experimental design, identifying sources of error, and suggesting improvements. Proposes a specific and detailed area for further experimental investigation into transport across membranes. Describes a specific and detailed controlled procedure for investigating the new aspect of transport across membranes. All components and ideas show strong content knowledge and reasoning.</p>	<p>Very Effective Contains few or no errors in grammar, vocabulary, spelling, and punctuation</p>
5	<p>Good Includes an accurate evaluation of the experimental design, identifying sources of error, and suggesting improvements. Proposes a specific area for further experimental investigation into transport across membranes. Describes a specific controlled procedure for investigating the new aspect of transport across membranes. All components show appropriate content knowledge and reasoning.</p>	<p>Good Contains a few errors in grammar, vocabulary, spelling, or punctuation that do not interfere with ideas and meaning</p>
4	<p>Adequate Includes a mostly-accurate evaluation of the experimental design, identifying sources of error, and suggesting improvements. Proposes an area for further experimental investigation into transport across membranes. Describes a controlled procedure for investigating the new aspect of transport across membranes. Some components may contain minor inaccuracies. Shows adequate content knowledge.</p>	<p>Adequate Contains some errors in grammar, vocabulary, spelling, or punctuation that do not significantly interfere with ideas and meaning</p>
3	<p>Limited Is missing one or two components, but includes an evaluation of the experimental design, and proposes an area for further experimental investigation into transport across membranes. Describes a limited procedure for investigating the new aspect of transport across membranes. Shows limited content knowledge.</p>	<p>Limited Contains several significant errors in grammar, vocabulary, spelling, or punctuation that occasionally interfere with ideas and meaning</p>

Rubric (continued)

2	Minimal Is missing several components and has incomplete evaluation of the experimental design, and proposal and procedure for a further area of study. Shows minimal content knowledge.	Minimal Contains many significant errors in grammar, vocabulary, spelling, or punctuation that substantially interfere with ideas and meaning
1	Inadequate Is missing several components, fails to evaluate the experimental design clearly, and the proposal and procedure for a further area of study is simplistic or missing. Shows little evidence of content knowledge.	Inadequate Contains considerable errors in grammar, vocabulary, spelling, or punctuation that make understanding ideas difficult