

	<b>Model</b>	<b>Written Analysis</b>	<b>Mechanics and Conventions</b>
	<i>The extent to which the model and written analysis incorporate the required elements, effectively complete the task, and show understanding of the purpose and audience</i>	<i>The extent to which the written analysis fully develops ideas, utilizing specific and relevant facts, descriptions, discussions, explanations, and data</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>
<b>Weight (%)</b>	50	35	15
<b>6</b>	<b>Very Effective</b> Demonstrates a thorough understanding of the task; completes all parts in an accurate manner; may go beyond the limits of the task; uses accurate graphs and calculations	<b>Very Effective</b> Includes an accurate and detailed description of the relationship between water potential, solute potential, and pressure potential; demonstrates strong content knowledge and reasoning of all components	<b>Very Effective</b> Contains few or no errors in grammar, vocabulary, spelling, and punctuation
<b>5</b>	<b>Good</b> Demonstrates a general understanding of the task; completes all parts of the task; uses accurate graphs and calculations	<b>Good</b> Includes an accurate description of water potential, solute potential, and pressure potential; demonstrates appropriate content knowledge and reasoning of all components	<b>Good</b> Contains a few errors in grammar, vocabulary, spelling, or punctuation that do not interfere with ideas and meaning
<b>4</b>	<b>Adequate</b> Demonstrates a basic understanding of the task; completes most parts of the task; may be missing a few elements; uses some incorrect calculations but graphs show accurate trend lines	<b>Adequate</b> Includes a mostly accurate description of water potential, solute potential, and pressure potential; contains some minor inaccuracies and weak connections; demonstrates adequate content knowledge	<b>Adequate</b> Contains some errors in grammar, vocabulary, spelling, or punctuation that do not significantly interfere with ideas and meaning
<b>3</b>	<b>Limited</b> Demonstrates little understanding of the task; completes most parts of the task; is missing some elements; uses mostly incorrect calculations and graphs that are difficult to read	<b>Limited</b> Is missing one or two components, but has a description of water potential, solute potential, and pressure potential; demonstrates limited content knowledge	<b>Limited</b> Contains several significant errors in grammar, vocabulary, spelling, or punctuation that occasionally interfere with ideas and meaning
<b>2</b>	<b>Minimal</b> Demonstrates minimal understanding of the task; completes less than half the task; uses incorrect calculations and graphs that do not reflect data	<b>Minimal</b> Is missing several components and has incomplete descriptions of water potential, solute potential, and pressure potential; demonstrates minimal content knowledge	<b>Minimal</b> Contains many significant errors in grammar, vocabulary, spelling, or punctuation that substantially interfere with ideas and meaning
<b>1</b>	<b>Inadequate</b> Demonstrates no understanding of the task; completes very few parts of the task; uses incorrect calculations and graphs	<b>Inadequate</b> Is missing several components; fails to develop and connect ideas; needs significant work on the descriptions of water potential, solute potential, and pressure potential	<b>Inadequate</b> Contains considerable errors in grammar, vocabulary, spelling, or punctuation that make understanding ideas difficult