

## ISASP Science Grade 8 Practice Test Constructed Response Rubric

2 Points	1 Point	0 Points
<p>The student's response is correct and complete. The student provides valid inferences, claims, and/or evidence when prompted. The student provides the relevant information and supportive details required in the item.</p> <p>Model One  <b>Sample Claims:</b></p> <ul style="list-style-type: none"> <li><i>The water in the hypotonic solution will move from high to low concentration.</i></li> <li><i>The water in the hypotonic solution will move from the outside of the cell to the inside of the cell.</i></li> <li><i>The cell will expand and increase in mass.</i>  <u>AND</u> one or more of the following</li> </ul> <p><b>Sample Evidence:</b></p> <ul style="list-style-type: none"> <li><i>The cell in Model One is similar to the egg in each cup in Experiment One.</i></li> <li><i>Model One is similar to the eggs in Cups One – Four in Experiment Two.</i>  <u>AND</u> one or more of the following</li> </ul> <p>Model Two  <b>Sample Claims:</b></p> <ul style="list-style-type: none"> <li><i>The water in the hypertonic solution will move from high to low concentration.</i></li> <li><i>The water in the hypertonic solution will move from the inside of the cell to the outside of the cell.</i></li> <li><i>The cell will shrink and decrease in mass.</i>  <u>AND</u> one or more of the following</li> </ul> <p><b>Sample Evidence:</b></p> <ul style="list-style-type: none"> <li><i>The cell in Model Two is similar to the eggs in Cups Five – Eight in Experiment Two.</i></li> </ul>	<p>The student's response is partially correct or complete. The student provides partial inferences, claims, and/or evidence when prompted. The student provides some information and supportive details required in the item.</p> <p>Model One  <b>Sample Claims:</b></p> <ul style="list-style-type: none"> <li><i>The water in the hypotonic solution will move from high to low concentration.</i></li> <li><i>The water in the hypotonic solution will move from the outside of the cell to the inside of the cell.</i></li> <li><i>The cell will expand and increase in mass.</i>  <u>OR</u> one or more of the following</li> </ul> <p><b>Sample Evidence:</b></p> <ul style="list-style-type: none"> <li><i>The cell in Model One is similar to the egg in each cup in Experiment One.</i></li> <li><i>Model One is similar to the eggs in Cups One – Four in Experiment Two.</i>  <u>OR</u> one or more of the following</li> </ul> <p>Model Two  <b>Sample Claims:</b></p> <ul style="list-style-type: none"> <li><i>The water in the hypertonic solution will move from high to low concentration.</i></li> <li><i>The water in the hypertonic solution will move from the inside of the cell to the outside of the cell.</i></li> <li><i>The cell will shrink and decrease in mass.</i>  <u>OR</u> one or more of the following</li> </ul> <p><b>Sample Evidence:</b></p> <ul style="list-style-type: none"> <li><i>The cell in Model Two is similar to the eggs in Cups Five – Eight in Experiment Two.</i></li> </ul>	<p>The student's response is incorrect. The student does not address the requirements asked in the question.</p> <p>Model One  <b>Sample Claim:</b></p> <ul style="list-style-type: none"> <li>No claim or incorrect claim provided</li> </ul> <p><b>Sample Evidence:</b></p> <ul style="list-style-type: none"> <li>No evidence or incorrect evidence provided</li> </ul> <p>Model Two  <b>Sample Claim:</b></p> <ul style="list-style-type: none"> <li>No claim or incorrect claim provided</li> </ul> <p><b>Sample Evidence:</b></p> <ul style="list-style-type: none"> <li>No evidence or incorrect evidence provided</li> </ul>