

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 Sample Claims:</p> <ul style="list-style-type: none"> • <i>The water in the hypotonic solution will move from high to low concentration.</i> • <i>The water in the hypotonic solution will move from the outside of the cell to the inside of the cell.</i> • <i>The cell will expand and increase in mass.</i> <u>AND</u> one or more of the following <p>Sample Evidence:</p> <ul style="list-style-type: none"> • <i>The cell in Model One is similar to the egg in each cup in Experiment One.</i> • <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 <p>Model Two Sample Claims:</p> <ul style="list-style-type: none"> • <i>The water in the hypertonic solution will move from high to low concentration.</i> • <i>The water in the hypertonic solution will move from the inside of the cell to the outside of the cell.</i> • <i>The cell will shrink and decrease in mass.</i> <u>AND</u> one or more of the following <p>Sample Evidence:</p> <ul style="list-style-type: none"> • <i>The cell in Model Two is similar to the eggs in Cups Five – Eight in Experiment Two.</i> 	<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 Sample Claims:</p> <ul style="list-style-type: none"> • <i>The water in the hypotonic solution will move from high to low concentration.</i> • <i>The water in the hypotonic solution will move from the outside of the cell to the inside of the cell.</i> • <i>The cell will expand and increase in mass.</i> <u>OR</u> one or more of the following <p>Sample Evidence:</p> <ul style="list-style-type: none"> • <i>The cell in Model One is similar to the egg in each cup in Experiment One.</i> • <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 <p>Model Two Sample Claims:</p> <ul style="list-style-type: none"> • <i>The water in the hypertonic solution will move from high to low concentration.</i> • <i>The water in the hypertonic solution will move from the inside of the cell to the outside of the cell.</i> • <i>The cell will shrink and decrease in mass.</i> <u>OR</u> one or more of the following <p>Sample Evidence:</p> <ul style="list-style-type: none"> • <i>The cell in Model Two is similar to the eggs in Cups Five – Eight in Experiment Two.</i> 	<p>The student’s response is incorrect. The student does not address the requirements asked in the question.</p> <p>Model One Sample Claim:</p> <ul style="list-style-type: none"> • No claim or incorrect claim provided <p>Sample Evidence:</p> <ul style="list-style-type: none"> • No evidence or incorrect evidence provided <p>Model Two Sample Claim:</p> <ul style="list-style-type: none"> • No claim or incorrect claim provided <p>Sample Evidence:</p> <ul style="list-style-type: none"> • No evidence or incorrect evidence provided